

**Course Codes
and
Clearing Endorsements**
(Formerly called Appendix D)

2019-2020

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Nebraska Department of Education

GENERAL INFORMATION

Nebraska approval regulations (Rule 14) and accreditation regulations (Rule 10) require that certain percentages of F.T.E. (Full Time Equivalency) elementary and middle grade teachers hold appropriate endorsements and that certain percentages of instructional units at the secondary grades be assigned to teachers holding appropriate endorsements. For teachers to be considered appropriately endorsed for their assignments, they must teach the grade levels and subjects indicated on their certificate. The grade level designations are shown on the following chart.

Certificate/Endorsement Level

LEVEL	Appropriate for the following grades
00	PK
01	Pre Primary – 3 all schools
02	K-6
03	K-8
04	7-9
05	K-9
06	7-12
07	K-12
08	9-12
09	4-9 This level will be phased out over time. See level 22 (5-9) below.
10	B-12
11	B-K
12	B-3
13	PK-6
14	PK-8
15	PK-12
16	10-12
17	PK-9
18	6-12
19	B-21
20	PK-3
21	B-PK
22	5-9

The following pages show courses or subjects taught in Nebraska schools and the appropriate endorsements for those subjects or courses. In instances where no specific endorsement is required, the “level” of endorsement must still be appropriate for the assignment.

The following items describe special cases or circumstances.

Middle Grades:

- 1) A middle level endorsement can be applied to the endorsed subjects for which it is issued in grades 5-8 whether these grades are designated as part of an elementary, or a middle school.
- 2) A middle level endorsement clears any subject area and course code for grades 5-9 if issued prior to 8/1/2017. Middle level endorsements issued on, or after 8/1/2017 are specific to one, or more subject areas.
- 3) For grades seven and eight, a middle level endorsement or an appropriate secondary endorsement is appropriate in the subject area(s) listed, if proper college credits or training are provided (see Item #5 below).
- 4) Teachers holding an elementary endorsement may teach any subject in grades seven and eight if they acquire six credit hours per year towards a middle level endorsement or if they participate in staff development in accordance with a local mission or plan for education of middle grade students.
- 5) Teachers holding a content area endorsement at the secondary level may teach grade six in that content area if they acquire six credit hours per year toward the elementary or middle level endorsement or participate in staff development in accordance with a local mission and plan for education of middle grade students.
- 6) Regardless of whether 9th grade is identified as being part of a middle school or high school, an appropriate secondary endorsement or a middle level endorsement covers a ninth-grade teaching assignment in the specific subject area(s) for which the endorsement is issued.
- 7) Secondary teachers may be assigned to integrated courses or curriculum in grades seven through nine if they hold an endorsement for any of the subjects or fields included in the course.
- 8) Teachers not holding an appropriate endorsement may be assigned to the middle grades if they acquire six credit hours per year towards a middle level endorsement.

Secondary Grades:

- 9) In secondary grades, teacher's assigned to integrated courses or curriculum are considered appropriately endorsed if they hold an endorsement for any of the subjects or fields included in the course.
- 10) Course descriptions in this manual shown for grades 10, 11, and 12 are intended to describe higher level courses. If, however, the course is taught at a 9th grade level, the

COURSE CODES AND CLEARING ENDORSEMENTS	Revised April 2019
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appropriate middle level endorsement will cover the assignment. A middle level endorsement is appropriate in grade 9 at a high school, but only if there are no students above grade 9 enrolled in the course(s) being taught.

Elementary Grades:

- 11) Teachers holding an elementary endorsement that also includes grades 7-8 (K-8 in self-contained classrooms) are considered endorsed in grades 7-8 only if the students they are teaching remain with them for over 50% of their school day, and they are teaching over 50% of the academic curriculum to those same students.

Table of Contents

AGRICULTURE, FOOD AND NATURAL RESOURCES

011000	INTRODUCTION TO AG, FOOD & NATURAL RESOURCES	1
011004	ANIMAL SCIENCE	1
011005	LARGE ANIMAL MANAGEMENT	1
011006	SMALL ANIMAL MANAGEMENT	2
011007	PLANT SCIENCE	2
011008	CROP MANAGEMENT/AGRONOMY	2
011009	AGRIBUSINESS	3
011010	AGRICULTURAL ECONOMICS	3
011011	AGRICULTURAL SALES & COMMUNICATIONS	3
011012	MS INTRODUCTION TO AG, FOOD & NATURAL RESOURCES	4
011015	VETERINARY SCIENCE	4
012001	NURSERY AND LANDSCAPE	4
012002	FLORICULTURE	5
012004	AGRICULTURE BIOTECHNOLOGY	5
012005	AGRIBUSINESS MANAGEMENT AND ENTREPRENEURSHIP	5
013000	ENVIRONMENTAL AND NATURAL RESOURCES	6
013001	WILDLIFE MANAGEMENT	6
013002	ENVIRONMENTAL AND NATURAL RESOURCES MANAGEMENT	6
014000	FOOD SCIENCE AND SAFETY	7
014001	FOOD PRODUCTS AND TECHNOLOGY	7
016000	POWER, STRUCTURAL AND TECHNICAL FOUNDATIONS	7
016003	POWER, STRUCTURAL AND TECHNOLOGY SYSTEMS	8
016004	WELDING	8
016005	METALS AND FABRICATION	8
016006	PRECISION AGRICULTURE AND ENGINEERING	9
017000	AGRICULTURAL LEADERSHIP AND CAREER READINESS	9
018002	CAREERS AND LITERACY OF AGRICULTURE	9
018060	CASE INTRODUCTION TO AGRICULTURE, FOOD & NATURAL RESOURCES	10
018061	CASE PLANT SCIENCE	10
018062	CASE ANIMAL SCIENCE	10
018063	CASE ANIMAL & PLANT BIOTECHNOLOGY	11
018064	CASE NATURAL RESOURCES AND ECOLOGY	11
018065	CASE FOOD SCIENCE AND SAFETY	11
018066	CASE AGRICULTURAL POWER AND TECHNOLOGY	12
018080	FNS - FOOD PRODUCTION, NUTRITION, AND HEALTH	12
018081	FNS - FOOD SCIENCE	12
018082	FNS - NUTRITION SCIENCE	13
019930	AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	13
019931	AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	14
019932	AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	14
019933	AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	15
019934	AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	15

BUSINESS, MARKETING AND MANAGEMENT

030300	ACCOUNTING	16
030301	ACCOUNTING, ADVANCED	16
030302	COLLEGE PRINCIPLES OF ACCOUNTING	17
030303	COLLEGE PRINCIPLES OF ACCOUNTING II	17
030501	ACCOUNTING 1	18
030502	ACCOUNTING 2	18
030503	ACCOUNTING 3	18
030504	ACCOUNTING 4	19
030600	BUSINESS COMMUNICATION	19
030801	FINANCIAL PLANNING	20
030802	INSURANCE	20

030803	FINANCIAL SERVICES	21
030804	COLLEGE FUNDAMENTALS OF FINANCIAL PLANNING	21
030900	BUSINESS LAW	22
030901	COLLEGE BUSINESS LAW	22
031800	ECONOMICS	23
031805	BUSINESS STRATEGIES	23
032300	INTRODUCTION TO BUSINESS	24
032350	EXPLORATION OF BUSINESS AND ENTREPRENEURSHIP	24
032370	ENTREPRENEURSHIP	25
032400	COLLEGE INTRODUCTION TO BUSINESS	25
032600	COLLEGE INTRODUCTION TO ENTREPRENEURSHIP	26
032601	COLLEGE ENTREPRENEURSHIP FEASIBILITY STUDY	26
032602	COLLEGE ENTREPRENEURSHIP LEGAL ISSUES	27
032603	COLLEGE MARKETING FOR THE ENTREPRENEUR	27
032604	COLLEGE ENTREPRENEURSHIP FINANCIAL TOPICS	28
032605	COLLEGE ENTREPRENEURSHIP BUSINESS PLAN	28
032802	MANAGEMENT AND LEADERSHIP	29
032803	COLLEGE PRINCIPLES OF MANAGEMENT	29
033000	PERSONAL FINANCE	30
033001	PRINCIPLES OF FINANCE	30
033002	WEALTH BUILDING FUNDAMENTALS	31
033003	COLLEGE INTERNATIONAL FINANCE	31
033004	COLLEGE INTRODUCTION TO INVESTMENT	32
033422	INTRODUCTION TO BUSINESS TECHNOLOGY	32
033501	KEYBOARDING APPLICATIONS	33
034100	BUSINESS IN A GLOBAL ECONOMY	33
038100	MARKETING	34
038101	MARKETING MANAGEMENT	34
038200	ADVANCED MARKETING	35
038201	COLLEGE PRINCIPLES OF MARKETING	35
038500	ADVANCED PLACEMENT MACROECONOMICS	36
038501	ADVANCED PLACEMENT MICROECONOMICS	36
038502	COLLEGE MACROECONOMICS	37
038503	COLLEGE MICROECONOMICS	37
039930	BUSINESS, MARKETING AND MANAGEMENT, OTHER	38
039931	BUSINESS, MARKETING AND MANAGEMENT, OTHER	38
039932	BUSINESS, MARKETING AND MANAGEMENT, OTHER	39
039933	BUSINESS, MARKETING AND MANAGEMENT, OTHER	39
039934	BUSINESS, MARKETING AND MANAGEMENT, OTHER	40

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY

320100	MIDDLE SCHOOL CAREER DEVELOPMENT	41
320101	HIGH SCHOOL CAREER DEVELOPMENT	42
320300	ENGAGE! CAREER EXPLORATION AND READINESS	43
320600	FUNDAMENTALS OF ENTREPRENEURSHIP	43
320700	OTHER WORK-BASED LEARNING CLASS	44
320701	OTHER WORK-BASED LEARNING EXPERIENCE	44
320702	AFNR WORK-BASED LEARNING EXPERIENCE	44
320703	ARCH & CONST WORK-BASED LEARNING EXPERIENCE	45
320704	ARTS, AV & COM WORK-BASED LEARNING EXPERIENCE	45
320705	BUSINESS MGMT WORK-BASED LEARNING EXPERIENCE	45
320706	ED & TRAIN WORK-BASED LEARNING EXPERIENCE	46
320707	ENERGY & ENG WORK-BASED LEARNING EXPERIENCE	46
320708	FINANCE WORK-BASED LEARNING EXPERIENCE	46
320709	GOVT, PUBLIC ADMIN WORK-BASED LEARNING EXPERIENCE	47
320710	HEALTH SCIENCE WORK-BASED LEARNING EXPERIENCE	47
320711	HOSPITALITY & TOURISM WORK-BASED LEARNING EXPERIENCE	47
320712	HUMAN SERVICES/FACS WORK-BASED LEARNING EXPERIENCE	48
320713	INFORMATION TECHNOLOGY WORK-BASED LEARNING EXPERIENCE	48
320714	LAW, PUBLIC SAFETY WORK-BASED LEARNING EXPERIENCE	48

320715	MANUFACTURING WORK-BASED LEARNING EXPERIENCE	49
320716	MARKETING WORK-BASED LEARNING EXPERIENCE	49
320717	TRANSPORTATION WORK-BASED LEARNING EXPERIENCE	49
320718	ENGLISH/LANGUAGE ARTS WORK-BASED LEARNING EXPERIENCE	50
320719	MATHEMATICS WORK-BASED LEARNING EXPERIENCE	50
320720	SCIENCE WORK-BASED LEARNING EXPERIENCE	50
320721	SOCIAL STUDIES WORK-BASED LEARNING EXPERIENCE	51
320722	REGISTERED APPRENTICESHIP CLASS	51
320723	REGISTERED APPRENTICESHIP WORK	51
329930	CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	52
329931	CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	52
329932	CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	53
329933	CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	53
329934	CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	54

COMMUNICATION & INFORMATION SYSTEMS

270401	PROGRAMMING I	55
270402	PROGRAMMING II	55
270403	PROGRAMMING III	56
270410	INTRODUCTION TO COMPUTER SCIENCE & WEB DESIGN	56
270411	INTRODUCTION TO COMPUTER SCIENCE	57
270412	INTRODUCTION TO WEB DESIGN	57
270501	INFORMATION TECHNOLOGY APPLICATIONS I	58
270502	INFORMATION TECHNOLOGY APPLICATIONS II	58
270504	INFORMATION TECHNOLOGY FUNDAMENTALS	59
270505	CISCO I: INTRODUCTION TO NETWORKS	59
270506	CISCO II: ROUTING AND SWITCHING ESSENTIALS	59
270507	CISCO III: SCALING NETWORKS	60
270601	NETWORKING	60
270602	DIGITAL MEDIA	61
270604	FOUNDATIONS OF WEB DESIGN	61
270606	PC SUPPORT AND MAINTENANCE	62
270607	INFORMATION TECHNOLOGY SUPPORT	62
270608	INTRODUCTION TO MEDIA	63
270609	VIDEO PRODUCTION	63
270610	MEDIA PRODUCTION	64
270611	DIGITAL DESIGN	64
270613	ADVANCED DIGITAL DESIGN	65
270700	ADVANCED PLACEMENT COMPUTER SCIENCE A	65
270701	COMPUTER SCIENCE A	66
270702	ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES	66
270703	COMPUTER SCIENCE PRINCIPLES	67
270704	FOUNDATIONS OF COMPUTING	67
270705	SOFTWARE DEVELOPMENT	68
270706	WEB DESIGN AND DEVELOPMENT	68
270707	CYBERSECURITY	68
270708	PROJECT LEAD THE WAY - COMPUTER SCIENCE PRINCIPLES	69
270709	PROJECT LEAD THE WAY - COMPUTER SCIENCE A	69
270710	PROJECT LEAD THE WAY – COMPUTER SCIENCE ESSENTIALS	70
270711	PROJECT LEAD THE WAY – CYBERSECURITY	70
270712	IB COMPUTER SCIENCE	70
279930	COMMUNICATION AND INFORMATION SYSTEMS, OTHER	71
279931	COMMUNICATION AND INFORMATION SYSTEMS, OTHER	71
279932	COMMUNICATION AND INFORMATION SYSTEMS, OTHER	72
279933	COMMUNICATION AND INFORMATION SYSTEMS, OTHER	72
279934	COMMUNICATION AND INFORMATION SYSTEMS, OTHER	73

DRIVER EDUCATION/SAFETY EDUCATION

210105	DRIVER EDUCATION	74
210200	SAFETY EDUCATION	74

EDUCATION AND TRAINING

350001	INTRODUCTION TO EDUCATION AND TRAINING	75
350002	BEST PRACTICES IN EDUCATION AND TRAINING	75
350010	FIELD EXPERIENCE IN EDUCATION AND TRAINING	75
359930	EDUCATION AND TRAINING, OTHER	76
359931	EDUCATION AND TRAINING, OTHER	76
359932	EDUCATION AND TRAINING, OTHER	76
359933	EDUCATION AND TRAINING, OTHER	77
359934	EDUCATION AND TRAINING, OTHER	77

ENGLISH LANGUAGE ARTS

050001	LANGUAGE ARTS/SKILLS	78
050008	LINGUISTICS	79
050011	ENGLISH	80
050021	ENGLISH I	80
050022	ENGLISH II	81
050023	ENGLISH III	81
050024	ENGLISH IV	82
050050	ADVANCED PLACEMENT ENGLISH LANG/COMP	82
050051	ADVANCED PLACEMENT ENGLISH LIT/COMP	82
050052	IB LANGUAGE A - (ENGLISH)	83
050053	IB LANGUAGE A (ENGLISH) MIDDLE YEARS PROGRAM	83
050060	ENGLISH GRAMMAR	84
050061	YEARBOOK	84
050062	RESEARCH METHODS	85
050063	LITERATURE OF A GENRE	85
050100	CREATIVE WRITING/COMPOSITION	86
050102	READING	86
050300	LITERATURE, GENERAL	87
050301	AMERICAN LITERATURE	87
050304	BRITISH LITERATURE	88
050310	LITERATURE, SPECIALIZED	88
050401	JOURNALISM I	89
050402	JOURNALISM II	89
050404	RADIO/TV PRODUCTION	90
050501	SPEECH, BEGINNING	90
050502	SPEECH, ADVANCED	91
050503	DEBATE	91
050505	PERSONAL COMMUNICATION	92
050506	APPLIED COMMUNICATIONS	92
050600	DRAMA, BEGINNING	93
050650	DRAMA, ADVANCED	93
050700	LANGUAGE ARTS-SOCIAL SCIENCE CORE	94
050800	READING-MIDDLE GRADES/JUNIOR HIGH I	94
050801	READING-MIDDLE GRADES/JUNIOR HIGH II	95
050802	LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH I	95
050803	LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH II	96
050804	LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH III	96
059930	ENGLISH LANGUAGE ARTS, OTHER	97
059931	ENGLISH LANGUAGE ARTS, OTHER	97

059932	ENGLISH LANGUAGE ARTS, OTHER	98
059933	ENGLISH LANGUAGE ARTS, OTHER	98
059934	ENGLISH LANGUAGE ARTS, OTHER	99

FINE ARTS (ART)

020100	ART I	100
020200	ART II	100
020300	ART III	100
020400	ART IV	101
020500	ADVANCED PLACEMENT STUDIO ART 2D	101
020501	ADVANCED PLACEMENT STUDIO ART 3D	101
020502	ADVANCED PLACEMENT STUDIO ART DRAW	102
020503	ADVANCED PLACEMENT ART HISTORY	102
020600	PHOTOGRAPHY	102
020700	IB-VISUAL ARTS	103
020701	INTERDISCIPLINARY ARTS-VISUAL ARTS	103
020702	VISUAL ARTS-INDEPENDENT STUDY	103
020703	VISUAL ARTS-WORK BASED LEARNING	104
020800	ART-MIDDLE GRADES/JUNIOR HIGH I	104
020801	ART-MIDDLE GRADES/JUNIOR HIGH II	104
020802	ART-MIDDLE GRADES/JUNIOR HIGH III	105
029930	ART, OTHER	105
029931	ART, OTHER	106
029932	ART, OTHER	106
029933	ART, OTHER	107
029934	ART, OTHER	107

FINE ARTS (THEATRE)

220100	INTRODUCTION TO THEATRE	108
220200	THEATRE-ACTING/PERFORMANCE	108
220300	THEATRE-STAGECRAFT	109
220400	THEATRE-DIRECTING	109
220500	THEATRICAL PRODUCTION AND MANAGEMENT	110
220700	IB-THEATRE	110
220701	INTERDISCIPLINARY ARTS-THEATRE	111
220702	THEATRE-INDEPENDENT STUDY	111
220703	THEATRE WORK BASED LEARNING	112
229930	THEATRE, OTHER	112

FINE ARTS (MUSIC)

120100	MUSIC	113
120400	VOCAL MUSIC	113
120450	SMALL PERFORMING GROUPS/VOCAL	113
120500	INSTRUMENTAL MUSIC	114
120550	SMALL PERFORMING GROUPS/INSTRUMENTAL	114
120600	INDIVIDUAL INSTRUCTION/VOCAL	114
120650	INDIVIDUAL INSTRUCTION/INSTRUMENTAL	115
120700	ADVANCED PLACEMENT MUSIC THEORY	115
120800	IB-MUSIC	116
120801	INTERDISCIPLINARY ARTS-MUSIC	116
120802	MUSIC-INDEPENDENT STUDY	117

120803	MUSIC-WORK BASED LEARNING	117
120804	MUSIC THEORY FUNDAMENTALS	117
120805	MUSIC TECHNOLOGY/ELECTRONIC	118
120806	MUSIC CULTURAL ENSEMBLES	118
120807	MUSIC COMPOSITION/SONGWRITING	119
129930	MUSIC, OTHER	119
129931	MUSIC, OTHER	120
129932	MUSIC, OTHER	120
129933	MUSIC, OTHER	121
129934	MUSIC, OTHER	121

HEALTH SCIENCES

077200	EXPLORATION OF HEALTH SCIENCES	122
077201	PLTW MEDICAL DETECTIVES	122
077300	HEALTH SCIENCES I	123
077301	HEALTH SCIENCES II	123
077302	HEALTH SCIENCES III	124
077303	PERSONAL AND COMMUNITY MEDICAL ISSUES/PUBLIC HEALTH	124
077304	EXPLORING LABORATORY MEDICINE	125
077400	NURSING ASSISTANT/CNA	125
077401	MEDICATION AIDE	126
077402	EMERGENCY MEDICAL TECHNICIAN/CERT	126
077444	PHARMACY TECHNICIAN	127
077446	PHLEBOTOMY TECHNICIAN	127
077500	INTRODUCTION TO SPORTS MEDICINE	128
077600	MEDICAL TERMINOLOGY	128
077601	EXERCISE SCIENCE	129
077701	PERFORMANCE NUTRITION	129
077702	HUMAN LIFE CYCLE NUTRITION	130
077800	HEALTH INFORMATION TECHNOLOGY	130
077801	BEHAVIORAL HEALTH I	131
077802	BEHAVIORAL HEALTH II	131
077803	PLTW PRINCIPLES OF BIOMEDICAL SCIENCE I	132
077804	PLTW PRINCIPLES OF BIOMEDICAL SCIENCE II	132
077805	PLTW HUMAN BODY SYSTEMS I	133
077806	PLTW HUMAN BODY SYSTEMS II	133
077807	PLTW MEDICAL INTERVENTIONS I	134
077808	PLTW MEDICAL INTERVENTIONS II	134
077809	PLTW BIOMEDICAL INNOVATION I	135
077810	PLTW BIOMEDICAL INNOVATION II	135
077812	HEALTH INFORMATION MANAGEMENT AND ETHICS	136
077900	ALLIED HEALTH AND MEDICINE	136
077930	HEALTH SCIENCES, OTHER	137
077931	HEALTH SCIENCES, OTHER	137
077932	HEALTH SCIENCES, OTHER	138
077933	HEALTH SCIENCES, OTHER	138
077934	HEALTH SCIENCES, OTHER	139

HOSPITALITY AND TOURISM

370010	HOSPITALITY AND TOURISM	140
370021	CULINARY SKILLS 1	140
370022	CULINARY SKILLS 2	140
370030	PROSTART 1	141
370031	PROSTART 2	141
379930	HOSPITALITY AND TOURISM, OTHER	141
379931	HOSPITALITY AND TOURISM, OTHER	142

379932	HOSPITALITY AND TOURISM, OTHER	142
379933	HOSPITALITY AND TOURISM, OTHER	143
379934	HOSPITALITY AND TOURISM, OTHER	143

HUMAN SERVICES/FACS

090005	FAMILY AND CONSUMER SCIENCES 6	144
090006	FAMILY AND CONSUMER SCIENCES 7	144
090007	FAMILY AND CONSUMER SCIENCES 8	144
090101	INTRODUCTION TO HUMAN SCIENCE/FACS	145
090103	TEXTILE CONSTRUCTION	145
090104	LIFE AND CAREER READINESS	145
090107	FUNDAMENTALS OF FOOD AND NUTRITION	146
090109	HOME DESIGN AND INTERIORS	146
090113	FOOD SCIENCE	146
090116	INTERPERSONAL RELATIONSHIPS	147
090117	PARENTS AND FAMILIES	147
090119	CHILD DEVELOPMENT	147
090121	EARLY CHILDHOOD EDUCATION AND SERVICES	148
090122	EARLY CHILDHOOD PRACTICUM	148
090123	HUMAN GROWTH AND DEVELOPMENT	148
090124	NUTRITION	149
090125	DIETETICS	149
090126	INTRODUCTION TO DESIGN PRINCIPLES	149
090127	FAMILIES IN CRISIS	150
090128	CAREERS IN MENTAL HEALTH	150
090129	FNS - FOOD PRODUCTION, NUTRITION AND HEALTH	150
090130	FNS - FOOD SCIENCE	151
090131	FNS - NUTRITION SCIENCE	151
090206	FASHION DESIGN	151
090207	THE BUSINESS OF TEXTILES	152
090208	LEADERSHIP AND ETHICS IN HUMAN SERVICES	152
090209	CONSUMER ECONOMICS	152
099930	HUMAN SERVICES/FACS, OTHER	153
099931	HUMAN SERVICES/FACS, OTHER	153
099932	HUMAN SERVICES/FACS, OTHER	153
099933	HUMAN SERVICES/FACS, OTHER	154
099934	HUMAN SERVICES/FACS, OTHER	154

LAW, PUBLIC SAFETY AND SECURITY

390010	FOUNDATIONS OF LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY	155
390015	INTRODUCTION TO CRIMINAL JUSTICE	155
390020	INTRODUCTION TO FIRE & EMERGENCY SERVICES	155
390025	COURTS & JUDICIAL PROCESS	156
390026	POLICE AND SOCIETY	156
399930	LAW, PUBLIC SAFETY AND SECURITY, OTHER	156
399931	LAW, PUBLIC SAFETY AND SECURITY, OTHER	157
399932	LAW, PUBLIC SAFETY AND SECURITY, OTHER	157
399933	LAW, PUBLIC SAFETY AND SECURITY, OTHER	157
399934	LAW, PUBLIC SAFETY AND SECURITY, OTHER	158

MATHEMATICS

110201	ARITHMETIC	159
110299	PRE-ALGEBRA	159
110300	ALGEBRA, BEGINNING	159
110306	ALGEBRA, ADVANCED	160
110501	APPLIED MATHEMATICS I	160
110502	APPLIED MATHEMATICS II	160
110503	APPLIED MATHEMATICS III	161
110600	CALCULUS	161
110620	ADVANCED PLACEMENT CALCULUS AB	161
110621	ADVANCED PLACEMENT CALCULUS BC	162
110622	COLLEGE TECHNICAL MATHEMATICS	162
110623	IB MATHEMATICAL STUDIES-STANDARD LEVEL	162
110624	IB MATHEMATICS STANDARD LEVEL	163
110625	IB FURTHER MATHEMATICS-HIGHER LEVEL	163
110627	IB MATHEMATICS-HIGHER LEVEL	163
111100	MATHEMATICS, GENERAL	164
111200	GEOMETRY	164
111300	PRE CALCULUS (INTRODUCTION TO ANALYSIS)	164
111600	TRIGONOMETRY	165
111700	STATISTICS/PROBABILITY	165
111701	FINITE/DISCRETE MATHEMATICS	165
111720	ADVANCED PLACEMENT STATISTICS	166
111800	BUSINESS MATH	166
112800	MATHEMATICS-MIDDLE GRADES/JR HIGH I	166
112801	MATHEMATICS-MIDDLE GRADES/JR HIGH II	167
112802	MATHEMATICS-MIDDLE GRADES/JR HIGH III	167
119930	MATH, OTHER	167
119931	MATH, OTHER	168
119932	MATH, OTHER	168
119933	MATH, OTHER	168
119934	MATH, OTHER	169

PERSONAL DEVELOPMENT

260200	ADOLESCENT DEVELOPMENT	170
260300	STUDY SKILLS	170
260400	LIBRARY MEDIA SKILLS	170

PERSONAL HEALTH & PHYSICAL FITNESS

080100	HEALTH I	171
080101	HEALTH II	171
080105	HEALTH, SPECIALIZED	172
080106	FAMILY HEALTH	172
080107	FOUNDATIONS FOR PHYSICAL EDUCATION AND FITNESS	173
080108	BEGINNING SWIMMING	173
080109	INTERMEDIATE SWIMMING	174
080110	FITNESS SWIMMING & AQUATIC ACTIVITIES	174
080111	INTRODUCTION TO STRENGTH & CONDITIONING	175
080112	INTERMEDIATE STRENGTH & CONDITIONING	175
080113	ADVANCED STRENGTH & CONDITIONING	176
080114	AEROBIC TRAINING	176
080115	ADVANCED AEROBIC TRAINING	177
080116	INTRODUCTION TO DANCE	177
080117	HIP-HOP DANCE	178
080118	BALLROOM DANCE	178
080119	DANCE PERFORMANCE	179
080120	LIFETIME ACTIVITIES	179

080121	TEAM GAMES	180
080122	OUTDOOR PURSUITS	180
080123	LIFEGUARD TRAINING & WATER SAFETY INSTRUCTION AIDE	181
080124	SPORT OFFICIATING	181
080125	PHYSICAL EDUCATION ELEMENTARY	182
080126	PHYSICAL EDUCATION MIDDLE SCHOOL	182
080127	ADAPTIVE PHYSICAL EDUCATION	183
089930	PHYSICAL EDUCATION, OTHER	183
089931	PHYSICAL EDUCATION, OTHER	184
089932	PHYSICAL EDUCATION, OTHER	184

SCIENCE

130201	BIOLOGY	185
130202	BIOLOGY-ADVANCED STUDIES	185
130203	ENVIRONMENTAL SCIENCE	185
130204	AP ENVIRONMENTAL SCIENCE	186
130205	ENERGY AND ENVIRONMENT	186
130210	ANATOMY and PHYSIOLOGY	186
130211	IB BIOLOGY	187
130212	BOTANY	187
130213	GENETICS	187
130214	MICROBIOLOGY	188
130215	ZOOLOGY	188
130216	CONCEPTUAL BIOLOGY	188
130217	PARTICULAR TOPICS IN BIOLOGY	189
130218	BIOLOGY - OTHER	189
130300	PHYSICAL SCIENCE	190
130301	CHEMISTRY	190
130302	CHEMISTRY-ADVANCED STUDIES	191
130303	PHYSICS	191
130304	PRINCIPLES OF TECHNOLOGY I (SCIENCE)	191
130306	PRINCIPLES OF TECHNOLOGY II (SCIENCE)	192
130307	PHYSICS-ADVANCED STUDIES	192
130308	IB CHEMISTRY	192
130309	CONCEPTUAL CHEMISTRY	193
130310	PARTICULAR TOPICS IN CHEMISTRY	193
130311	CHEMISTRY - OTHER	193
130312	ASTRONOMY	194
130313	EARTH AND SPACE SCIENCE	194
130314	PARTICULAR TOPICS IN EARTH SCIENCE	194
130315	EARTH SCIENCE - OTHER	195
130316	MARINE SCIENCE	195
130317	FORENSIC SCIENCE	196
130415	GEOSCIENCE	196
130416	IB PHYSICS	197
130417	CONCEPTUAL PHYSICS	197
130418	PARTICULAR TOPICS IN PHYSICS	197
130419	PHYSICS - OTHER	198
130420	PHYSICAL SCIENCE - INTEGRATED	198
130421	APPLIED BIOLOGY/CHEMISTRY	199
130422	BIOLOGY - INTEGRATED	199
130423	CHEMISTRY - INTEGRATED	200
130424	INDEPENDENT STUDY	200
130801	SCIENCE-MIDDLE GRADES/JR HIGH I	201
130802	SCIENCE-MIDDLE GRADES/JR HIGH II	201
130803	SCIENCE-MIDDLE GRADES/JR HIGH III	202
135000	ADVANCED PLACEMENT BIOLOGY	202
135010	ADVANCED PLACEMENT CHEMISTRY	203
135021	ADVANCED PLACEMENT PHYSICS 1: ALGEBRA-BASED	203
135022	ADVANCED PLACEMENT PHYSICS 2: ALGEBRA-BASED	203

135023	ADVANCED PLACEMENT PHYSICS C: ELECTRICITY AND MAGNETISM	204
135024	ADVANCED PLACEMENT PHYSICS C: MECHANICS	204
135025	METEOROLOGY	204
139930	SCIENCE, OTHER	205

SKILLED AND TECHNICAL SCIENCES

100100	INTRODUCTION TO SKILLED AND TECHNICAL SCIENCES	206
100110	CONSTRUCTION TRADES 1	206
100120	CONSTRUCTION TRADES 2	207
100130	DRAFTING AND DESIGN	207
100140	ARCHITECTURAL DESIGN 1	208
100141	ARCHITECTURAL DESIGN 2	208
100160	PLTW PRINCIPLES OF ENGINEERING	209
100161	PLTW INTRODUCTION TO ENGINEERING DESIGN	209
100162	PLTW CIVIL ENGINEERING AND ARCHITECTURE	210
100163	PLTW ENGINEERING DESIGN AND DEVELOPMENT	210
100164	PLTW AEROSPACE ENGINEERING	211
100165	PLTW BIOTECHNICAL ENGINEERING	211
100401	INTRODUCTION TO ELECTRONICS	212
100402	ADVANCED ELECTRONICS	212
100403	PLTW DIGITAL ELECTRONICS	213
100405	ELECTRICITY	213
100406	FUNDAMENTALS OF ENERGY	214
100407	PHYSICS AND MATHEMATICS OF ENERGY	214
100408	SUSTAINABLE ENERGY	215
100706	EXPLORING SKILLED AND TECHNICAL SCIENCE - 6TH GRADE	215
100707	EXPLORING SKILLED AND TECHNICAL SCIENCE - 7TH GRADE	216
100708	EXPLORING SKILLED AND TECHNICAL SCIENCE - 8TH GRADE	216
101400	MANUFACTURING PROCESS - METALS	217
101401	MANUFACTURING PRODUCTION - METALS	217
101402	ADVANCED MANUFACTURING & FABRICATION - METALS	217
101600	TRANSPORTATION 1	218
101601	INTRODUCTION TO TDL	218
101610	DISTRIBUTION AND LOGISTICS	219
101620	TRANSPORTATION 2	219
101630	TRANSPORTATION 3	220
101640	COLLISION REPAIR	220
101650	BUSINESS LOGISTICS	221
101700	INTRODUCTION TO AIRCRAFT AND ROCKETRY	221
101701	INTRODUCTION TO AVIATION AND AEROSPACE	222
101702	HISTORY OF AVIATION	222
101703	AVIATION SAFETY	222
101704	INTRODUCTION TO POWERED FLIGHT	223
101900	INTRODUCTION TO MECHATRONICS	223
101901	PLTW COMPUTER INTEGRATED MANUFACTURING	224
101920	MANUFACTURING PROCESSES - WOODS	224
101921	MANUFACTURING PRODUCTION - WOODS	225
101922	ADVANCED MANUFACTURING & FABRICATION - WOODS	225
101930	WELDING 1	225
101940	WELDING 2	226
101941	WELDING 3	226
101950	MANUFACTURING PROCESSES - PLASTICS	227
101951	MANUFACTURING PRODUCTION - PLASTICS	227
101952	ADVANCED MANUFACTURING & FABRICATION - PLASTICS	227
103191	ENGINEERING DESIGN AND SYSTEMS THINKING	228
103192	ENGINEERING PROBLEM SOLVING	228
103193	SYSTEMS ENGINEERING AND PROJECT MANAGEMENT	229
103194	ROBOTICS	229
103195	ADVANCED ROBOTICS	230
109930	SKILLED AND TECHNICAL SCIENCE, OTHER	230

109931	SKILLED AND TECHNICAL SCIENCE, OTHER	231
109932	SKILLED AND TECHNICAL SCIENCE, OTHER	231
109933	SKILLED AND TECHNICAL SCIENCE, OTHER	232
109934	SKILLED AND TECHNICAL SCIENCE, OTHER	232

SOCIAL SCIENCE/SOCIAL STUDIES

150011	SOCIAL STUDIES-MIDDLE GRADES/JR HIGH I	233
150012	SOCIAL STUDIES-MIDDLE GRADES/JR HIGH II	233
150013	SOCIAL STUDIES-MIDDLE GRADES/JR HIGH III	234
150100	ANTHROPOLOGY	234
150104	CULTURAL/ETHNIC STUDIES	235
150700	GEOGRAPHY	235
150750	ADVANCED PLACEMENT HUMAN GEOGRAPHY	236
150800	WORLD HISTORY	236
150805	ADVANCED PLACEMENT WORLD HISTORY	237
150806	ADVANCED PLACEMENT EUROPEAN HISTORY	237
150810	NEBRASKA HISTORY	237
150820	AMERICAN HISTORY	238
150830	ADVANCED PLACEMENT US HISTORY	238
150900	HUMANITIES	239
151000	ECONOMICS	239
151100	POLITICAL SCIENCE	240
151103	MODERN PROBLEMS	240
151110	AMERICAN GOVERNMENT	241
151113	ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS	241
151114	CIVICS	242
151115	ADVANCED PLACEMENT COMPARITIVE GOVERNMENT AND POLITICS	242
151120	INTERNATIONAL RELATIONS	243
151200	PSYCHOLOGY	243
151210	ADVANCED PLACEMENT PSYCHOLOGY	244
151300	SOCIOLOGY	244
151301	RELIGION I	244
151302	RELIGION II	245
151303	RELIGION III	245
151304	RELIGION IV	245
152000	HOLOCAUST HISTORY	246
152001	IB HISTORY	246
152002	IB PSYCHOLOGY	246
152003	IB THEORY OF KNOWLEDGE	247
152004	GENDER STUDIES	247
159930	SOCIAL SCIENCE, OTHER	248
159931	SOCIAL SCIENCE, OTHER	248
159932	SOCIAL SCIENCE, OTHER	249
159933	SOCIAL SCIENCE, OTHER	249
159934	SOCIAL SCIENCE, OTHER	250

WORLD LANGUAGE

060001	WORLD LANGUAGE ARABIC I	251
060002	WORLD LANGUAGE ARABIC II	251
060105	WORLD LANGUAGE LATIN I	251
060106	WORLD LANGUAGE LATIN II	252
060107	ADVANCED PLACEMENT LATIN	252
060108	LATIN III	252
060109	LATIN IV	253
060111	LATIN IB CLASSICAL LANGUAGE	253
060221	WORLD LANGUAGE FRENCH I	253

060222	WORLD LANGUAGE FRENCH II	254
060223	WORLD LANGUAGE FRENCH III	254
060224	WORLD LANGUAGE FRENCH IV	254
060225	WORLD LANGUAGE FRENCH V	255
060226	ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE	255
060227	IB LANGUAGE A - FRENCH	255
060228	IB LANGUAGE B - FRENCH	256
060231	WORLD LANGUAGE GERMAN I	256
060232	WORLD LANGUAGE GERMAN II	256
060233	WORLD LANGUAGE GERMAN III	257
060234	WORLD LANGUAGE GERMAN IV	257
060235	WORLD LANGUAGE GERMAN V	257
060236	ADVANCED PLACEMENT GERMAN LANGUAGE AND CULTURE	258
060237	IB LANGUAGE A - GERMAN	258
060238	IB LANGUAGE B - GERMAN	258
060241	WORLD LANGUAGE SPANISH I	259
060242	WORLD LANGUAGE SPANISH II	259
060243	WORLD LANGUAGE SPANISH III	259
060244	WORLD LANGUAGE SPANISH IV	260
060245	WORLD LANGUAGE SPANISH V	260
060246	ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE	260
060247	IB LANGUAGE A - SPANISH	261
060248	IB LANGUAGE B - SPANISH	261
060249	SPANISH FOR NATIVE SPEAKERS I	261
060250	SPANISH FOR NATIVE SPEAKERS II	262
060251	WORLD LANGUAGE JAPANESE I	262
060252	WORLD LANGUAGE JAPANESE II	262
060253	ADVANCED PLACEMENT JAPANESE LANGUAGE AND CULTURE	263
060254	WORLD LANGUAGE JAPANESE III	263
060255	ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE	263
060261	WORLD LANGUAGE RUSSIAN I	264
060262	WORLD LANGUAGE RUSSIAN II	264
060271	WORLD LANGUAGE CHINESE I	264
060272	WORLD LANGUAGE CHINESE II	265
060273	WORLD LANGUAGE CHINESE III	265
060274	WORLD LANGUAGE CHINESE IV	265
060275	WORLD LANGUAGE CHINESE V	266
060276	ADVANCED PLACEMENT CHINESE LANGUAGE AND CULTURE	266
062021	MIDDLE SCHOOL EXPLORATORY FRENCH	266
062041	MIDDLE SCHOOL EXPLORATORY SPANISH	267
062091	MIDDLE SCHOOL WORLD LANGUAGE EXPLORATORY - OTHER	267
064100	AMERICAN SIGN LANGUAGE I	268
064101	AMERICAN SIGN LANGUAGE II	268
064102	AMERICAN SIGN LANGUAGE III	268
064103	AMERICAN SIGN LANGUAGE IV	269
069930	WORLD LANGUAGE, OTHER	269
069931	WORLD LANGUAGE, OTHER	270
069932	WORLD LANGUAGE, OTHER	271
069933	WORLD LANGUAGE, OTHER	272
069934	WORLD LANGUAGE, OTHER	273

TITLE I CURRICULUM

250101	TITLE I READING	274
250102	TITLE I MATHEMATICS	275
250103	TITLE I EXTENDED KINDERGARTEN	275
250104	TITLE I LANGUAGE ARTS	276
250105	TITLE I PREKINDERGARTEN	276

MISCELLANEOUS CURRICULUM

230101	JROTC (Junior Reserve Officers Training Corp)	277
230800	STUDENT AIDE	277
230801	ADVANCED PLACEMENT SEMINAR	277
230802	ADVANCED PLACEMENT RESEARCH	278
230803	NON-GRADED STUDY HALL	278

HIGH ABILITY EDUCATION

300100	HIGH ABILITY EDUCATION	279
--------	------------------------	-----

ENGLISH AS A SECOND LANGUAGE

310010	ENGLISH AS A SECOND LANGUAGE	280
310050	ESL OR DUAL LANGUAGE ARTS-ELEMENTARY	280
310051	ESL OR DUAL LANGUAGE ARTS-SECONDARY	281
310101	BILINGUAL/ENGLISH AS A DUAL LANGUAGE	281
310110	ESL OR DUAL LANGUAGE MATHEMATICS-ELEMENTARY	282
310111	ESL OR DUAL LANGUAGE MATHEMATICS-SECONDARY	282
310130	ESL OR DUAL LANGUAGE SCIENCE-ELEMENTARY	283
310131	ESL OR DUAL LANGUAGE SCIENCE-SECONDARY	283
310150	ESL OR DUAL LANGUAGE SOCIAL STUDIES-ELEMENTARY	284
310151	ESL OR DUAL LANGUAGE SOCIAL STUDIES-SECONDARY	284

SUPPLEMENTAL CURRICULUM

290101	SUPPLEMENTAL READING	285
290102	SUPPLEMENTAL MATHEMATICS	286

SPECIAL EDUCATION

190215	SPECIAL EDUCATION ART-K-12 (PAC 1161)	287
190230	SPECIAL EDUCATION ART (PAC 1162)	287
190515	SPECIAL EDUCATION LANGUAGE ARTS - K-12 (PAC1161)	288
190530	SPECIAL EDUCATION LANGUAGE ARTS (PAC 1162)	288
191115	SPECIAL EDUCATION MATHEMATICS-K-12 (PAC 1161)	289
191130	SPECIAL EDUCATION MATHEMATICS (PAC 1162)	289
191215	SPECIAL EDUCATION MUSIC-K-12 (PAC 1161)	290
191230	SPECIAL EDUCATION MUSIC (PAC 1162)	290
191315	SPECIAL EDUCATION SCIENCE-K-12 (PAC 1161)	291
191330	SPECIAL EDUCATION SCIENCE (PAC 1162)	291
191515	SPECIAL EDUCATION SOCIAL STUDIES-K-12 (PAC 1161)	292
191530	SPECIAL EDUCATION SOCIAL STUDIES (PAC 1162)	292
191615	SPECIAL EDUCATION WORK EXPERIENCE-9-12+ (PAC 1161)	293
191630	SPECIAL EDUCATION WORK EXPERIENCE (PAC 1162)	294

192000	SPECIAL ED FUNCTIONAL SKILLS AND ACTIVITIES (PAC 1162)	295
192015	SPECIAL EDUCATION INDEPENDENT LIVING-K-12 (PAC 1161)	296
193000	PHYSICAL EDUCATION, ADAPTIVE	296
194000	SPECIAL EDUCATION IN-HOME SETTING	297
19XXXX	SPECIAL EDUCATION STUDY SKILLS	297

SELF-CONTAINED CLASSROOM

180000	SELF-CONTAINED CLASSROOM	298
180005	HOME-BASED PROGRAM (NON SPED)	298

AGRICULTURE, FOOD AND NATURAL RESOURCES**INTRODUCTION TO AG, FOOD & NATURAL RESOURCES**Short Name**AG/EN-INTR**Course Code**011000**

The introductory course for the Agriculture, Food and Natural Resources Career Cluster providing a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers, cluster foundation knowledge and skills, introduction to leadership development, the FFA organization and career exploration. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

ANIMAL SCIENCEShort Name**ANI SCI**Course Code**011004**

A course focusing on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal systems career. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities and animal evaluation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

LARGE ANIMAL MANAGEMENTShort Name**LG ANIMGMT**Course Code**011005**

This course includes advanced scientific principles and communication skills that build on the knowledge and skills learned in Animal Science. Topics include animal waste management, animal science economics, decision making, global concerns in the industry, genetics, and breeding. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

AGRICULTURE, FOOD AND NATURAL RESOURCES

SMALL ANIMAL MANAGEMENT

Short Name
SML ANIMAL

Course Code
011006

A course providing instruction on animal husbandry topics related to companion animals that are served by a veterinarian. This course includes breeding, grooming, care and marketing of companion animals. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

PLANT SCIENCE

Short Name
PLANT SCI

Course Code
011007

This course examines the scientific concepts related to plant systems. Students will consider environmental factors on plant growth. In addition students will examine plant classification, anatomy, physiology, and methods of propagation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

CROP MANAGEMENT/AGRONOMY

Short Name
CROP AGRO

Course Code
011008

This course investigates advanced crop production and management topics. Students develop an understanding of fertilization methods, resource management, pest management, technology use, marketing, and world hunger. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

AGRICULTURE, FOOD AND NATURAL RESOURCES**AGRIBUSINESS**Short NameCourse Code**AGRI BUSN****011009**

This course covers skills necessary for entry into employment or furthering education in an agricultural business. The course includes the study of business planning, creating and analyzing financial information, developing business plans, and using sales and marketing principles. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

AGRICULTURAL ECONOMICSShort NameCourse Code**AG ECON****011010**

This course covers economic principles that drive agricultural businesses. The course studies the production, distribution, and consumption of agricultural products and the allocation of agricultural resources. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

AGRICULTURAL SALES & COMMUNICATIONSShort NameCourse Code**AG SA/COM****011011**

This course covers skills necessary to be able to sell and market agricultural products and the development of effective communication skills. The course includes applying sales and marketing principles through the study of business planning and creating and analyzing financial information. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

AGRICULTURE, FOOD AND NATURAL RESOURCES**MS INTRODUCTION TO AG, FOOD & NATURAL RESOURCES**Short Name
MSAFNR-INTCourse Code
011012

This middle school introductory course for the Agriculture, Food and Natural Resources Career Cluster provides a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers, cluster foundation knowledge and skills, introduction to leadership development, the FFA organization and career exploration.

Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 6-8

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
MIDDLE GR/AG EDUCATION	1810

VETERINARY SCIENCEShort Name
VET SCICourse Code
011015

Introduces students to the basics of animal medical care. Topics covered include disease, parasites, feeding, shelter, grooming, and general animal care. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

NURSERY AND LANDSCAPEShort Name
NURS LANDCourse Code
012001

This course examines the knowledge and skills used to produce and use horticultural plants. Topics include plant identification, fertilization, pest management, soils, and design. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

AGRICULTURE, FOOD AND NATURAL RESOURCES**FLORICULTURE**Short NameCourse Code**FLORICUL****012002**

This course examines the knowledge and skills used to produce and use floral plants. Topics include plant identification, fertilization, pest management, soils, and design. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

AGRICULTURE BIOTECHNOLOGYShort NameCourse Code**AG BIOTECH****012004**

A course focusing on students examining extensively the relationship between biotechnology and modern plant production systems. Students identify purposes and methods of genetic modification of plants and the impact of modern plant production on a global scale. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

AGRIBUSINESS MANAGEMENT AND ENTREPRENEURSHIPShort NameCourse Code**AG MGT/ENT****012005**

This course covers skills necessary for creating and managing an agricultural business. The course includes the study of business planning, creating and analyzing financial information, developing business plans, and applying sales and marketing principles. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

AGRICULTURE, FOOD AND NATURAL RESOURCES

ENVIRONMENTAL AND NATURAL RESOURCES

Short Name

Course Code

ENV/NR

013000

A course that provides an opportunity for students to increase awareness of the close ties among living organisms as well as natural and environmental concerns with the interrelationships of living organisms and the world around us. Students are exposed to careers related to natural resources systems. Students also look closely at Nebraska's natural resources and management techniques. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100
SCIENCE	1301

WILDLIFE MANAGEMENT

Short Name

Course Code

WDLIFE MGT

013001

A course that provides students the opportunity to increase awareness of the principles of wildlife management and conservation. Students will closely examine ecological concepts, habitat management, wildlife species identification, and recreational opportunities that the environment and wildlife provide us with. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

ENVIRONMENTAL AND NATURAL RESOURCES MANAGEMENT

Short Name

Course Code

ENV/NR MGT

013002

A course that provides an opportunity for students to increase awareness of the close ties among living organisms as well as natural and environmental concerns with the interrelationships of living organisms and the world around us. Students will closely examine agencies that regulate our natural resources, explore the relationship between agriculture and natural resources, and develop an understanding of sustainability and the importance of conservation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

AGRICULTURE, FOOD AND NATURAL RESOURCES
--

FOOD SCIENCE AND SAFETY

Short Name

Course Code

FOOD SCI

014000

A course that introduces students to the principles, applications and science of food and food processing and production. Students will learn the scientific principles and practice scientific applications involved in the food industry including food science, food processing, microbiology, toxicology, regulations concerning the protection of the food supply and organic production of food and nutrition. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

FOOD PRODUCTS AND TECHNOLOGY

Short Name

Course Code

FOOD PTECH

014001

This course is an in-depth study of the development of food products from a variety of agricultural industries. Students will study the nutritional value of foods along with applying scientific processes such as microbiology and chemistry to the development of food products, and analyze and select appropriate storage, distribution and consumption of foods. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

POWER, STRUCTURAL AND TECHNICAL FOUNDATIONS

Short Name

Course Code

PST FNDT

016000

This course introduces selected major areas of agricultural mechanics technology including small engine operation and repair, metal fabrication, woodworking, and electrical wiring. Learning activities include basic understanding, skill development and problem-solving. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

AGRICULTURE, FOOD AND NATURAL RESOURCES

POWER, STRUCTURAL AND TECHNOLOGY SYSTEMS

Short Name
POWER TECH

Course Code
016003

Provides advanced-level experiences in selected major areas of agricultural mechanics technology; includes small engine maintenance and repair, metal fabrication, concrete construction, building construction, plumbing, electrical wiring, maintenance of agricultural machinery, equipment and tractors, and soil and water conservation. Learning activities include basic understanding, skill development and problem-solving. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

WELDING

Short Name
WELDING

Course Code
016004

This course provides in-depth study of metal and fabrication with metal products. It also provides the opportunity to explore the careers of agricultural metal fabrication. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

METALS AND FABRICATION

Short Name
METAL FAB

Course Code
016005

This course provides an in-depth study of metals and fabrication with metal products. It also provides the opportunity to explore the careers in agricultural metal fabrication. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

AGRICULTURE, FOOD AND NATURAL RESOURCES

PRECISION AGRICULTURE AND ENGINEERING

Short Name
PRCS AGENG

Course Code
016006

This course provides a general study of precision agriculture and the related engineering. It also provides the opportunity to explore the careers in agricultural related to precision agriculture. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

AGRICULTURAL LEADERSHIP AND CAREER READINESS

Short Name
LEADER

Course Code
017000

Instruction provided in a semester long leadership, human resource development and related careers course includes leadership in a community, leadership concepts/applications, characteristics of an effective leader, characteristics of an effective manager and related practicum demonstrating contribution to society. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100

CAREERS AND LITERACY OF AGRICULTURE

Short Name
AG CAR LIT

Course Code
018002

The focus of this course is to provide middle school students with a working knowledge of the Agriculture, Food, and Natural Resources career field of study. Students will experience the seven AFNR pathways, explore careers within these pathways, and focus on their pathway of interest. The course incorporates teachable moments pertaining to the college and career readiness skills found in the center of the Nebraska Career Education Model. Agricultural literacy, risk management, and current trends are also incorporated into the course.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100
MIDDLE GR/AG EDUCATION	1810

AGRICULTURE, FOOD AND NATURAL RESOURCES

CASE INTRODUCTION TO AGRICULTURE, FOOD & NATURAL RESOURCES

Short Name

Course Code

CASE AFNR

018060

Students participating in the Introduction to Agriculture, Food, and Natural Resources course will experience exciting “hands-on” activities, projects, and problems. Student experiences will involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. For example, students will work in groups to determine the efficiency and environmental impacts of fuel sources in a practical learning exercise.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 9-10
Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

CASE PLANT SCIENCE

Short Name

Course Code

CASE PLANT

018061

The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in plant science so that students may continue through a sequence of courses through high school. Students will work in teams, exploring hands-on projects and activities, to learn the characteristics of plant science and work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers and producers, and plant research specialists face in their respective careers.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12
Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

CASE ANIMAL SCIENCE

Short Name

Course Code

CASE ANML

018062

This course is intended to serve as one of two foundational courses within the CASE™ sequence. The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in animal science so that students may continue through a sequence of courses through high school. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, or industry personnel face in their respective careers.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12
Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

AGRICULTURE, FOOD AND NATURAL RESOURCES

CASE ANIMAL & PLANT BIOTECHNOLOGY

Short Name
CASE APBIO

Course Code
018063

Animal and Plant Biotechnology, a specialization course in the CASE Program of Study, provides resources to the teacher to facilitate rigorous instruction and increase the level of student understanding related to biotechnology concepts. Students will complete hands-on activities, projects, and problems designed to build content knowledge and technical skills in the field of biotechnology. Students are expected to become proficient at projects involving micro pipetting, bacterial cultures and transformations, electrophoresis, and polymerase chain reaction. Research and experimental design will be highlighted as students develop and conduct industry appropriate investigations.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

CASE NATURAL RESOURCES AND ECOLOGY

Short Name
CASE NRECO

Course Code
018064

Natural Resources and Ecology, a specialized course in the CASE Program of Study, provides students an opportunity to explore natural resources and ecology through hands-on projects and activities while studying topics such as land use, water quality, stewardship, and environmental agencies. Study of the natural world including biomes, land, air, water, energy, use and care as well as a focus on issues surrounding man's interaction with the Earth will be addressed in this course.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

CASE FOOD SCIENCE AND SAFETY

Short Name
CASEFOODSC

Course Code
018065

Food Science and Safety is a specialization course in the CASE Program of Study. Students will complete hands-on activities, projects, and problems that simulate actual concepts and situations found in the food science and safety industry, allowing students to build content knowledge and technical skills. Students will investigate areas of food science including food safety, food chemistry, food processing, food product development, and marketing.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMLY/CONSMR SCIENCE	0903

AGRICULTURE, FOOD AND NATURAL RESOURCES
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CASE AGRICULTURAL POWER AND TECHNOLOGY	<u>Short Name</u> CASEAGTECH	<u>Course Code</u> 018066
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Agricultural Power and Technology is a foundation level course designed to prepare students for the wide array of career opportunities in agricultural engineering. Students are immersed in inquiry-based exercises that tie in the math and science of agricultural mechanics and engineering.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

FNS - FOOD PRODUCTION, NUTRITION, AND HEALTH	<u>Short Name</u> FOOD PROD	<u>Course Code</u> 018080
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This is a project-based foundational course to introduce students to the size and scope of food production, nutrition, and health, and the underlying principles. Students will define the food science industry, describe historical milestones, and analyze how the production, processing, distribution, and marketing of food and food products influence consumer behavior and health. Students will apply knowledge about food products, nutrients, and the chemical and physical properties of food to solve human nutrition and health problems. Upon completion of this course, students are prepared to enroll in either Food Science or Nutrition Science courses within this program of study in preparation for careers in those areas.

Other Info: This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMLY/CONSMR SCIENCE	0903

FNS - FOOD SCIENCE	<u>Short Name</u> FOOD SCI	<u>Course Code</u> 018081
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This is a project-based course focusing on preparing students for further education and careers in the Food Science industry. Students will investigate the production, processing, distribution, and marketing of food to consumers. Students will apply the science associated with food and food products to the selection, preservation, processing, packaging, and distribution of safe and nutritious food. Students will explain the impacts of food on human health and nutrition.

Other Info: This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMLY/CONSMR SCIENCE	0903

AGRICULTURE, FOOD AND NATURAL RESOURCES
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FNS - NUTRITION SCIENCE

Short Name

Course Code

NUTRI SCI

018082

This is a project-based course focusing on preparing students for further education and careers in the Nutrition Science industry. Students will understand the relationship between the body, nutrients, and health. Students will apply these understandings and the socioeconomic, cultural, and community influences on diet to develop dietary plans for a variety of lifestyles and human health concerns.

Other Info: This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMILY/CONSMR SCIENCE	0903

AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER

Short Name

Course Code

AGRI OTHER

019930

Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100
HORT EDUC	0905

COURSE CODES AND CLEARING ENDORSEMENTS	Page 14	Revised April 2019
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AGRICULTURE, FOOD AND NATURAL RESOURCES
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AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	<u>Short Name</u> AGRI OTHER	<u>Course Code</u> 019931
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Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100
HORT EDUC	0905

AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	<u>Short Name</u> AGRI OTHER	<u>Course Code</u> 019932
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Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100
HORT EDUC	0905

AGRICULTURE, FOOD AND NATURAL RESOURCES
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AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER

Short Name

Course Code

AGRI OTHER

019933

Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100
HORT EDUC	0905

AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER

Short Name

Course Code

AGRI OTHER

019934

Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AG,FOOD & NATURAL RESOURCES	2901
AGRICULTURE	0100
HORT EDUC	0905

BUSINESS, MARKETING AND MANAGEMENT

ACCOUNTING

Short Name

Course Code

ACCT

030300

This two-semester course covers sole proprietorship accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using the computer. An introduction to partnerships and corporations may be included.

Recommended Level: Grades 10-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

ACCOUNTING, ADVANCED

Short Name

Course Code

ACCT AD

030301

This is a two-semester course that includes partnership and corporate accounting, adjustment in inventory control systems, budgetary control systems and further enhancement of accounting skills. Accounting is a prerequisite.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT

COLLEGE PRINCIPLES OF ACCOUNTING

Short Name

Course Code

PRIN ACCT

030302

This two-semester course is designed to provide introductory knowledge of accounting principles, concepts, and practices. Included topics are the balance sheet, the income statement, the statement of owner's equity, the statement of cash flows, worksheets, journals, ledgers, accruals, adjusting and closing entries, internal controls, inventories, fixed and intangible assets, liabilities, equity and financial statement analysis. This course provides a foundation for more advanced work in the fields of accounting and business. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

COLLEGE PRINCIPLES OF ACCOUNTING II

Short Name

Course Code

PRINACCTII

030303

This course is a continuation of ACCT 1200 and is part of a Finance Academy. Principles of Accounting II includes accounting for businesses organized as corporations, cash flow statements, accounting for manufacturing businesses, preparing and using accounting data for management decision making, and analyzing and interpreting financial statements. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT**ACCOUNTING 1**Short NameCourse Code**ACCOUNT1****030501**

This one-semester course covers a service business organized as a sole proprietorship which will include accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, and accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using technology.

Recommended Level: Grades 9-12

Career Cluster: Business, Marketing and Management

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

ACCOUNTING 2Short NameCourse Code**ACCOUNT2****030502**

This one-semester course covers concepts of a merchandising business, which will include accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including payroll, related career opportunities, application of generally-accepted accounting principles related to recording, summarizing and reporting, principles of income measurement and asset valuation, and accounting systems and controls. Students are exposed to careers in and related to the accounting field and are given the opportunity to perform accounting applications using technology. Accounting 1 is a recommended prerequisite to this course.

Recommended Level: Grades 10-12

Career Cluster: Business Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

ACCOUNTING 3Short NameCourse Code**ACCOUNTING****030503**

This is a one-semester course that includes partnership and corporate accounting, departmentalized accounting, adjustments in inventory control systems, and further enhancement of accounting skills. Accounting 1 and Accounting 2 are recommended prerequisites to this course.

Recommend Level: Grades 11-12

Career Cluster: Business Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

BUSINESS, MARKETING AND MANAGEMENT

ACCOUNTING 4

Short Name

Course Code

ACCOUNT4

030504

This is a one-semester course that includes further enhancements of accounting skills in partnership and corporate accounting. These skills include examining different types of accounting principles within different organizations, adjustments in inventory control systems, and budgetary control systems. Accounting 1, Accounting 2, and Accounting 3 are recommended prerequisites to this course.

Recommended Level: Grades 11-12

Career Cluster: Business Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

BUSINESS COMMUNICATION

Short Name

Course Code

BUSNS COMM

030600

Students will reinforce communication skills needed in business, management and administrative occupations by composing and reading written and digital communications, developing and delivering formal and informal presentations, applying active listening skills to obtain and clarify information, and exhibiting interpersonal skills to deal positively with diverse individuals. Students will use tables, charts, and figures to support written and oral communication, and locate, organize, and reference written information from various sources to communicate effectively. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 9-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT

FINANCIAL PLANNING

Short Name

Course Code

FIN PLAN

030801

This course is part of the National Academy Foundation's Academy of Finance. Financial Planning provides students with an overview of the job of a financial planner. Students look at financial planning in an objective way that requires them to regard all aspects of financial planning as relevant to a potential client.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

INSURANCE

Short Name

Course Code

INSUR

030802

This course is part of the National Academy Foundation's Academy of Finance. This course introduces students to the insurance industry and to its critical role in the financial services sector and to society. It covers common types of insurance, including life, health and disability, property, liability, and forms of commercial insurance, and career opportunities.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT

FINANCIAL SERVICES

Short Name

Course Code

FIN SERV

030803

This course is part of the National Academy Foundation's Academy of Finance. Financial Services provides students with an overview of financial services companies. This course introduces student to banking, monetary policy, investing, and financial careers. Students examine current issues including ethics in the financial services industry.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

COLLEGE FUNDAMENTALS OF FINANCIAL PLANNING

Short Name

Course Code

COL FIN PL

030804

This course is a college course that is part of a Finance Academy. This course is the first of two courses examining the fundamentals of financial planning. Students will examine the principles of financial planning, steps in the financial planning process, tools and techniques used in the planning process, and explore careers associated with financial planning. This course may be available for dual credit at the postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

COURSE CODES AND CLEARING ENDORSEMENTS	Page 22	Revised April 2019
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BUSINESS, MARKETING AND MANAGEMENT

BUSINESS LAW

Short Name

Course Code

BUSNS LAW

030900

In this course, students develop an understanding of laws and regulations that impact business. Topics included are contracts, environmental, and employment law. Students also acquire knowledge of business torts, sources of law, and the United States judicial system and legal procedures.

Recommended Level: Grades 10-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

COLLEGE BUSINESS LAW

Short Name

Course Code

COL BUSLAW

030901

This course is a college course that is part of a Finance Academy. This course offers an introduction to ordinary legal aspects of business transactions involving such topics as legal rights and duties, law of contracts, law of sales, and law of property. It gives a general understanding and development of basic legal logic in business situations through the use of principles, cases, and information useful in determining the need for professional counsel. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

COURSE CODES AND CLEARING ENDORSEMENTS	Page 23	Revised April 2019
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BUSINESS, MARKETING AND MANAGEMENT

ECONOMICS

Short Name
ECON

Course Code
031800

Economics is a course designed to help students understand economic principles as applied to current events and issues. Emphasis includes allocation of resources, economic systems, economic institutions and incentives, markets and prices, market structures, productivity, role of government, global economic concepts, and economic indicators.

Recommended Level: Grades 11-12

Career Cluster: Finance and Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
FINANCE	2906
MARKETING	2914
SOCIAL SCIENCE	1501

BUSINESS STRATEGIES

Short Name
BUSNSTRAT

Course Code
031805

This course is part of the MBA Research Consortium's High School of Business National Model. Business strategies develop student understanding of skills in such areas as business law, entrepreneurship, financial analysis, human resources management, and strategic management. By planning, organizing, staffing, directing, leading, and controlling business activities, students acquire a realistic understanding of what is required to open and successfully run a business. They conduct situational, market, and competitive analyses; select a target market; develop a business plan; recruit, interview, select, and hire staff; supervise staff; control use of resources; and evaluate the results of the business effort. Throughout the course, students make decisions and use problem-solving skills. Formal reflection is an on-going component of the course.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT**INTRODUCTION TO BUSINESS**Short NameCourse Code**INTROBUSNS****032300**

This course is designed to introduce students to the Business, Marketing, and Management Career Field, which focuses on organization, economics, management, marketing, financial management, and operations. Career opportunities and technology will also be used and discussed.

Recommended Level: Grades 9-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

EXPLORATION OF BUSINESS AND ENTREPRENEURSHIPShort NameCourse Code**EXPBUS ENT****032350**

This middle-level course is designed to give students an overview of the Business, Finance, and Marketing Programs of Study. Students develop understanding and skills in economics, financial literacy, career opportunities and entrepreneurship.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT**ENTREPRENEURSHIP**Short NameCourse Code**ENTREP****032370**

Entrepreneurship is a course with emphasis on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the national and global economy will be explored. Work-based learning strategies could be included through the development of a business plan, operation of school-based enterprise, or actual creation of a student-run business.

Recommended Level: Grades 9-12

Career Cluster: Business Management And Administration
Marketing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

COLLEGE INTRODUCTION TO BUSINESSShort NameCourse Code**COLINT BSN****032400**

This college-level course surveys the structure and functions of the American business system in a global society, together with an overview of business organization, economics, management, marketing, and finance. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT

COLLEGE INTRODUCTION TO ENTREPRENEURSHIP

Short Name
COL ENTREP

Course Code
032600

College Introduction to Entrepreneurship is a course designed for students with a career interest in entrepreneurship. Emphasis is placed on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the national and global economy will be explored. Instructional strategies include the development of a business plan, operation of a school-based business, or actual creation of a student-run business. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

COLLEGE ENTREPRENEURSHIP FEASIBILITY STUDY

Short Name
COL ENTFEA

Course Code
032601

College Entrepreneurship Feasibility Study is a course in which students will assess the viability of a new venture business idea to determine if the concept is feasible. The student will identify and analyze the present climate for their business idea by completing an industry, target market, and competitive analysis. The student will assess the financial needs for startup as well as their own skills, strengths, and talents to launch a successful business idea. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT**COLLEGE ENTREPRENEURSHIP LEGAL ISSUES****Short Name
COLENT LGL****Course Code
032602**

College Entrepreneurship Legal Issues explores legal issues related to business entities including sole proprietorship, general partnerships, limited partnerships, and corporations. Students will review contract law, articles of incorporations and the filing process, intellectual property, employment law (including FERPA, ADA, and FMLA), personnel policies and procedures, the hiring process, job descriptions, disciplinary actions, and business insurance. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

COLLEGE MARKETING FOR THE ENTREPRENEUR**Short Name
COL MKENT****Course Code
032603**

College Marketing for the Entrepreneur will provide insights essential for marketing an entrepreneurial venture utilizing innovative and financially responsible marketing strategies. Students will develop an understanding of traditional and non-traditional entrepreneurial marketing strategies and prepare marketing strategies with associated tactics to launch and sustain an entrepreneurial venture. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT

COLLEGE ENTREPRENEURSHIP FINANCIAL TOPICS

<u>Short Name</u>	<u>Course Code</u>
COL ENTFIN	032604

This course will cover financial topics for small business. Financial topics include budgeting, creation of financial statements and learning how to work with an accounting professional. Other topics covered are income tax, sales and use tax, unemployment tax, employee benefits and retirement planning. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

COLLEGE ENTREPRENEURSHIP BUSINESS PLAN

<u>Short Name</u>	<u>Course Code</u>
COL ENTBPL	032605

The student will evaluate a business concept and create a business plan. Students will assess the strengths and weaknesses of a business concept, apply research data into the plans, and prepare the financial projections for the business concept. Students will identify and evaluate various resources available for funding small businesses. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

COURSE CODES AND CLEARING ENDORSEMENTS	Page 29	Revised April 2019
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BUSINESS, MARKETING AND MANAGEMENT

MANAGEMENT AND LEADERSHIP

Short Name

Course Code

MGT/LEAD

032802

This course emphasizes the basic concepts of management and leadership within a business or organization. It addresses characteristics, organization, and operation of business as major sectors of the economy. Students will investigate management issues involved in planning, organizing, leading, and controlling an organization. They will also acquire essential leadership skills in the areas of emotional intelligence: time management, stress management, professional growth and development, communication, and relationship skills.

Recommended Level: Grades 10-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

COLLEGE PRINCIPLES OF MANAGEMENT

Short Name

Course Code

COL MGT

032803

This course is a college course that is part of a Finance Academy. This is an introduction to the theory and practice of management of the organization. Special attention is devoted to the processes of planning, decision making, organizing, leading, and controlling the organization. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT**PERSONAL FINANCE**Short NameCourse Code**PERSON FIN****033000**

The goal of Personal Finance is to help students to become financially responsible, conscientious members of society. To reach that end, this course develops student understanding and skills in such areas as income, money management, budgeting, financial goal attainment, the wise use of credit, insurance, and investments.

Recommended Level: Grades 11-12

Career Cluster: Finance, Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
FINANCE	2906
MARKETING	2914

PRINCIPLES OF FINANCEShort NameCourse Code**PRIN FIN****033001**

This course is part of the MBA Research Consortium's High School of Business National Model. Principles of Finance furthers student understanding of two specific business activities - accounting and finance. Students acquire an understanding of financial statements, calculate financial ratios, and make corporate financial management decisions based on their analysis of that financial data.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT

WEALTH BUILDING FUNDAMENTALS

Short Name

Course Code

WEALTH

033002

This course is designed to provide knowledge of personal financial management. Students learn to manage their resources to make sound personal financial decisions, interpret data to develop short- and long-term budgetary plans, and develop product knowledge related to financial planning. Students will develop a financial plan that includes savings, investing, credit management, risk management, and retirement. This course may be available for articulated or dual credit at a postsecondary institution.
Recommended Level: Grades 11-12

Career Cluster: Finance

Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
FINANCE	2906
MARKETING	2914

COLLEGE INTERNATIONAL FINANCE

Short Name

Course Code

COL INTFIN

033003

This course is a college course that is part of a Finance Academy. This course offers an introduction to an analysis of international finance providing a conceptual framework within which the unique financial decisions of the multinational firm can be analyzed. The student gains an understanding of decision elements of the international organization such as divergences in currencies, exchange rate issues (variations and controls), rates of inflation, tax systems, money and capital markets, and political systems. This course may be available for dual credit a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
FINANCE	2906
MARKETING	2914

COURSE CODES AND CLEARING ENDORSEMENTS	Page 32	Revised April 2019
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BUSINESS, MARKETING AND MANAGEMENT

COLLEGE INTRODUCTION TO INVESTMENT

Short Name

Course Code

COL INVEST

033004

This course is a college course that is part of a Finance Academy. This course presents an introductory review of investment concepts and theory including analysis of individual investments, stocks, bonds, mutual funds, security markets, and portfolio management. This course may be available for dual credit a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
FINANCE	2906
MARKETING	2914

INTRODUCTION TO BUSINESS TECHNOLOGY

Short Name

Course Code

INTRO TECH

033422

Middle-level course designed to emphasize digital life, use business productivity applications, and explore Information Technology careers. Students will master keyboarding skills; compose, create, edit, and format word processing documents; organize and manipulate data in a spreadsheet; and prepare a digital presentation. An introduction to basic principles in digital media and computer science will be included.

Recommended Level: Middle/Junior High

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
INFORMATION TECHNOLOGY	2701
MARKETING	2914
MIDDLE GR/BUSINESS ED	1812

BUSINESS, MARKETING AND MANAGEMENT

KEYBOARDING APPLICATIONS

Short Name

Course Code

KEYBD APP

033501

Keyboarding is identified as a foundation knowledge and skill area for all students regardless of their career interest. This middle-level course is designed for students to learn touch typing techniques and proper keystroking while continuing to develop composition and proofreading skills as well as speed and accuracy. Students will demonstrate keyboarding proficiency in document formatting (letters, reports, and tables). Students will demonstrate acceptable ethical and social behavior while developing keyboarding skills.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
INFORMATION TECHNOLOGY	2701
MARKETING	2914
MIDDLE GR/BUSINESS ED	1812

BUSINESS IN A GLOBAL ECONOMY

Short Name

Course Code

GLOBL ECON

034100

This course is part of the National Academy Foundation's Academy of Finance, Business in a Global Economy provides students with an understanding of how and why businesses choose to expand their operations into other countries. This course exposes students to the unique challenges facing firms doing business internationally and to the potential opportunities and markets that are lost to firms that choose not to do business in the global marketplace.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT

MARKETING

Short Name

Course Code

MARKET

038100

This course develops basic student understanding and skills in the functions of marketing, including channel management, marketing-information management, market planning, product/service management, project management, promotion, pricing, and selling. Emphasis is placed on marketing strategies, the selling process, the use of data in marketing decision-making, and career opportunities in marketing. Fundamental economic concepts are also integrated in the course.

Recommended Level: Grades 10-12

Career Cluster: Marketing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

MARKETING MANAGEMENT

Short Name

Course Code

MARK MGT

038101

Marketing Management furthers student understanding and skills in various marketing functions, including channel management, marketing-information management, market planning, pricing, product/service management, and promotion. Marketing plans, branding, the product life cycle, project management principles and professional and ethical standards in marketing are also emphasized in the course.

Recommended Level: Grades 10-12

Career Cluster: Marketing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

COURSE CODES AND CLEARING ENDORSEMENTS	Page 35	Revised April 2019
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BUSINESS, MARKETING AND MANAGEMENT

ADVANCED MARKETING

Short Name

Course Code

ADV MKTG

038200

This course is an introduction to the language and issues of marketing with an emphasis on learning to develop responsive marketing strategies that meet customer needs. This course focuses on marketing concepts and the role of marketing in the organization and society. Topics include market segmentation, product development, promotion, distribution, and pricing. Additional topics include external environment, economics, politics, government, marketing research, international marketing, cultural diversity, ethics, project management, and emerging promotional technologies.

Recommended Level: Grades 11-12

Career Cluster: Marketing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

COLLEGE PRINCIPLES OF MARKETING

Short Name

Course Code

COL MKTG

038201

The course is an introduction to the language and issues of marketing with an emphasis on learning to develop responsive marketing strategies that meet customer needs. The course focuses on marketing concepts and the role of marketing in the organization and society. Topics include market segmentation, product development, promotion, distribution, and pricing. Additional topics include external environment, economics, politics, government, marketing research, international marketing, cultural diversity, ethics, technology, and careers in marketing. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Marketing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT

ADVANCED PLACEMENT MACROECONOMICS

Short Name

Course Code

AP MACECON

038500

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. The purpose of an AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
FINANCE	2906
MARKETING	2914

ADVANCED PLACEMENT MICROECONOMICS

Short Name

Course Code

AP MICECON

038501

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. The purpose of an AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. This course places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
FINANCE	2906
MARKETING	2914

COURSE CODES AND CLEARING ENDORSEMENTS	Page 37	Revised April 2019
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BUSINESS, MARKETING AND MANAGEMENT

COLLEGE MACROECONOMICS

Short Name

Course Code

CMACROEC

038502

This is a course designed to help students explore theories of employment, Gross Domestic Product, inflation and economic growth. Topics include income theories, savings and investments, business fluctuations, inflation, growth theories and monetary and fiscal policies. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

COLLEGE MICROECONOMICS

Short Name

Course Code

CMICROEC

038503

This course presents the theory and application of the four market structures: pure competition, monopolistic competition, oligopoly and monopoly. Students determine the revenue, costs, output and prices for each market structure along with the social implications of each. In addition, the course analyzes various social issues using the microeconomic principles of elasticity, benefit and cost, and diminishing returns analysis. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

BUSINESS, MARKETING AND MANAGEMENT

BUSINESS, MARKETING AND MANAGEMENT, OTHER	<u>Short Name</u> BUSNS OTH	<u>Course Code</u> 039930
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Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT, OTHER	<u>Short Name</u> BUSNS OTH	<u>Course Code</u> 039931
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Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT

BUSINESS, MARKETING AND MANAGEMENT, OTHER	<u>Short Name</u> BUSNS OTH	<u>Course Code</u> 039932
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Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT, OTHER	<u>Short Name</u> BUSNS OTH	<u>Course Code</u> 039933
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Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

BUSINESS, MARKETING AND MANAGEMENT

BUSINESS, MARKETING AND MANAGEMENT, OTHER

Short Name

Course Code

BUSNS OTH

039934

Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS MANAGEMENT & ADMIN	2904
BUSINESS, MARKETING, INFO TECH	0304
FINANCE	2906
MARKETING	2914

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY

MIDDLE SCHOOL CAREER DEVELOPMENT

Short Name

Course Code

MS CAREER

320100

Students learn how to effectively explore careers while using the Nebraska Career Education Model and related resources. Students will learn the vocabulary and expectations of effective academic and career planning. A focus will be to discover the relationship between personal-social qualities, interests and skills to a wide variety of careers and postsecondary options to choose from. Emphasis will be given to learn and opportunities to practice the Nebraska Career Readiness Standards of Practice, which are current expectations in today's workplace. Students will draw upon these conclusions to develop a Personal Learning Plan to transition into high school with a broad career cluster focus.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY

HIGH SCHOOL CAREER DEVELOPMENT

Short Name

Course Code

HS CAREER

320101

Students learn and apply the career and college planning process using the Nebraska Career Education Model and related resources. Students will identify personal interests, skills and values, then apply this knowledge to both academic and career decision making. Students will demonstrate progress/proficiency in Nebraska Career Readiness Standards of Practice which are current expectations in today's workplace. Student will activate the planning process by setting goals, developing and implement a Personal Learning Plan, for effective transition from high school to most appropriate post secondary education based on knowledge of self, career goal and financial considerations.

Recommended Level: High School

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
EDUCATION & TRAINING	2905
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY
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ENGAGE! CAREER EXPLORATION AND READINESS	<u>Short Name</u> ENGAGE	<u>Course Code</u> 320300
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This is a project based course designed to help middle school students explore career options using the Nebraska Career Education Model and understand the Nebraska Career Readiness Standards. The course is organized by three themes - Making it My Choice, A World of Options and Charting a Direction - with culminating individual and group projects. Students will define career clusters and pathways, describe examples of career readiness, utilize self-assessments to better understand interests, establish a career portfolio and create a personal learning plan to provide direction to high school and post-high school activities. This course is aligned to American School Counselor Association Standards for Students and integrates EducationQuest tools and resources for middle school students.

Recommended Level: Grades 7-8

Career Cluster: Career Development and Exploratory Courses
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

FUNDAMENTALS OF ENTREPRENEURSHIP	<u>Short Name</u> FUN ENTREP	<u>Course Code</u> 320600
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Fundamentals of Entrepreneurship is a course designed for students to explore the characteristics of an entrepreneur within any of the six career fields. Students will analyze opportunities in entrepreneurship. Emphasis is on understanding the forms of business ownership and reviewing the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the local, regional and national economy will be explored. Students will identify and understand the rationale of a start-up business plan.

Recommended Level: Grades 9-12

Career Cluster: Career Development and Exploratory Courses
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY
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OTHER WORK-BASED LEARNING CLASS

Short Name

Course Code

WKBL CL

320700

A class that provides students the opportunity to connect what they learn in school with worksite application. Students are placed in an occupation that best relates to their career interest and aptitude. The school and business community work together to plan activities that will enable each student to apply the knowledge, attitudes and skills learned in the classroom to actual business situations and positions.

This course must be a part of a Work-based Learning Program.
This course title replaces the Work-Based Learning/COOP/DO Experience title.

Recommended Level: Grades 11-12
Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

OTHER WORK-BASED LEARNING EXPERIENCE

Short Name

Course Code

WKBL EXP

320701

This course allows the district to award credit for the work-based learning work experience. This is a companion course to 320700, the classroom portion of Other Work-Based Learning Experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

AFNR WORK-BASED LEARNING EXPERIENCE

Short Name

Course Code

AFNR WBL

320702

This course allows the district to award credit for an Agriculture, Food and Natural Resources work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY
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ARCH & CONST WORK-BASED LEARNING EXPERIENCE

<u>Short Name</u> AC WBL	<u>Course Code</u> 320703
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This course allows the district to award credit for an Architecture and Construction work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

CCareer Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

ARTS, AV & COM WORK-BASED LEARNING EXPERIENCE

<u>Short Name</u> AAVC WBL	<u>Course Code</u> 320704
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This course allows the district to award credit for an Arts, AV Technology & Communication work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

BUSINESS MGMT WORK-BASED LEARNING EXPERIENCE

<u>Short Name</u> BMA WBL	<u>Course Code</u> 320705
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This course allows the district to award credit for a Business, Management and Administration work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY
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ED & TRAIN WORK-BASED LEARNING EXPERIENCE

Short Name

Course Code

EDT WBL

320706

This course allows the district to award credit for an Education and Training work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

ENERGY & ENG WORK-BASED LEARNING EXPERIENCE

Short Name

Course Code

EE WBL

320707

This course allows the district to award credit for an Energy and Engineering work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

FINANCE WORK-BASED LEARNING EXPERIENCE

Short Name

Course Code

FIN WBL

320708

This course allows the district to award credit for a Finance work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY
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GOVT, PUBLIC ADMIN WORK-BASED LEARNING EXPERIENCE

Short Name

Course Code

GPA WBL

320709

This course allows the district to award credit for a Government and Public Administration work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

HEALTH SCIENCE WORK-BASED LEARNING EXPERIENCE

Short Name

Course Code

HS WBL

320710

This course allows the district to award credit for a Health Science work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

HOSPITALITY & TOURISM WORK-BASED LEARNING EXPERIENCE

Short Name

Course Code

HT WBL

320711

This course allows the district to award credit for a Hospitality & Tourism work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY

HUMAN SERVICES/FACS WORK-BASED LEARNING EXPERIENCE	<u>Short Name</u> HSFACS WBL	<u>Course Code</u> 320712
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This course allows the district to award credit for a Human Services/FACS work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

INFORMATION TECHNOLOGY WORK-BASED LEARNING EXPERIENCE	<u>Short Name</u> IT WBL	<u>Course Code</u> 320713
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This course allows the district to award credit for an Information Technology work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

LAW, PUBLIC SAFETY WORK-BASED LEARNING EXPERIENCE	<u>Short Name</u> LPSS WBL	<u>Course Code</u> 320714
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This course allows the district to award credit for a Law, Public Safety & Security work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY**MANUFACTURING WORK-BASED LEARNING EXPERIENCE**Short NameCourse Code**MFCT WBL****320715**

This course allows the district to award credit for a Manufacturing work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

MARKETING WORK-BASED LEARNING EXPERIENCEShort NameCourse Code**MKT WBL****320716**

This course allows the district to award credit for a Marketing work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

TRANSPORTATION WORK-BASED LEARNING EXPERIENCEShort NameCourse Code**TDL WBL****320717**

This course allows the district to award credit for a Transportation, Distribution and Logistics work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY**ENGLISH/LANGUAGE ARTS WORK-BASED LEARNING EXPERIENCE**Short Name**ELA WBL**Course Code**320718**

This course allows the district to award credit for an English Language Arts work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

MATHEMATICS WORK-BASED LEARNING EXPERIENCEShort Name**MATH WBL**Course Code**320719**

This course allows the district to award credit for a Mathematics work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

SCIENCE WORK-BASED LEARNING EXPERIENCEShort Name**SCI WBL**Course Code**320720**

This course allows the district to award credit for a Science work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY
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SOCIAL STUDIES WORK-BASED LEARNING EXPERIENCE

Short Name

Course Code

SS WBL

320721

This course allows the district to award credit for a Social Studies work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

REGISTERED APPRENTICESHIP CLASS

Short Name

Course Code

REG APP CL

320722

This course provides the required instruction as approved by the USDOL for students to be in a registered apprenticeship program.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

REGISTERED APPRENTICESHIP WORK

Short Name

Course Code

REG APP WK

320723

This course code is used to award credit for work-based learning experience as a part of a USDOL Registered Apprentice Program.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY
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CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	<u>Short Name</u> CEFS,OTHER	<u>Course Code</u> 329930
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Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	<u>Short Name</u> CEFS,OTHER	<u>Course Code</u> 329931
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Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY
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CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	<u>Short Name</u> CEFS,OTHER	<u>Course Code</u> 329932
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Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	<u>Short Name</u> CEFS,OTHER	<u>Course Code</u> 329933
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Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY

CAREER ED FOUNDATIONAL & SPECIALTY, OTHER

Short Name
CEFS,OTHER

Course Code
329934

Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

COMMUNICATION & INFORMATION SYSTEMS

PROGRAMMING I

Short Name

Course Code

PROG I

270401

Programming I covers fundamental concepts of programming. These are provided through explanations and effects of commands and hands-on utilization of computers to produce correct output. This course introduces effective techniques necessary for the efficient solution of a variety of complex problems using a high-level programming language. It includes problem descriptions, flow charts, hierarchy diagrams, pseudocode, and program documentation as a means of solving these problems. This course emphasizes the creation of efficient algorithms through fundamental programming techniques such as input/output handling, programming structures, and data storage. Students are introduced to project management techniques, including standard debugging techniques and collaborative programming strategies.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911
MATHEMATICS	1100

PROGRAMMING II

Short Name

Course Code

PROG II

270402

Students will demonstrate advanced skills in the software development life cycle through in-depth use of a modern programming language. The content covered will include high-level, object-oriented concepts, while emphasizing the design of elegant solutions and efficient algorithms. Topics covered include the use of simple data types as well as complex data structures, best practices in application design, and the collaborative and social aspects of computing.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911
MATHEMATICS	1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 56	Revised April 2019
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COMMUNICATION & INFORMATION SYSTEMS

PROGRAMMING III

Short Name

Course Code

PROG III

270403

Students will demonstrate advanced skills in the program development process through expanded use of programming language. Languages may include, but are not limited to C++, Visual Basic, Java, SQL, RPG, COBOL and Assembler. Students demonstrating advanced level programming knowledge and skills may be exposed to collaborative environments that simulate project environments.

Recommended Level: Grades 11-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911
MATHEMATICS	1100

INTRODUCTION TO COMPUTER SCIENCE & WEB DESIGN

Short Name

Course Code

CS WEB

270410

This course introduces students to the foundations of computer science with a focus on how computing powers the world. Students will explore computer science terminology and concepts and apply them to a culminating project using programming language to solve a problem. This course also introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). Students will be introduced to planning and designing effective web pages; creating web pages by writing HTML and CSS code, and producing a functional, multi-page website.

Recommended Level: Middle/Junior High

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

COURSE CODES AND CLEARING ENDORSEMENTS	Page 57	Revised April 2019
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COMMUNICATION & INFORMATION SYSTEMS
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INTRODUCTION TO COMPUTER SCIENCE

Short Name

Course Code

INTRO CS

270411

This course introduces students to the foundations of computer science with a focus on how computing powers the world. Students will explore computer science terminology and concepts and apply them to a culminating project using programming language to solve a problem.

Recommended Level: Middle/Junior High

Career Cluster: Information technology

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

INTRODUCTION TO WEB DESIGN

Short Name

Course Code

INTRO WEB

270412

This course introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). Students will be introduced to planning and designing effective web pages; creating web pages by writing HTML and CSS code, and producing a functional, multi-page website.

Recommended Level: Middle/Junior High

Career Cluster: Communication Arts and Information Technology

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

COMMUNICATION & INFORMATION SYSTEMS
--

INFORMATION TECHNOLOGY APPLICATIONS I

Short Name

Course Code

ITECH I

270501

Students will explore emerging technologies as it applies to their success for high school, college, and career. The focus will be on the importance of digital citizenship, professional communication practices, advanced document processing, professional presentations, and intermediate spreadsheet and database applications used personally and professionally.

Recommended Level: Grades 9-10

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

INFORMATION TECHNOLOGY APPLICATIONS II

Short Name

Course Code

ITECH II

270502

This course will focus on skill development in advanced spreadsheet, database, integration of applications utilizing advanced features, and exploring web technologies. Students taking both Information Technology Applications I and II may be eligible for dual credit at a participating postsecondary institution. Skills, standards, and coursework align with industry certifications.

Recommended Level: Grades 9-10

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

COMMUNICATION & INFORMATION SYSTEMS

INFORMATION TECHNOLOGY FUNDAMENTALS

Short Name
ITECH FUND

Course Code
270504

Students are introduced to the proper use of information technologies (IT). In addition, they will be introduced to hardware and software selection and use, technology resource support, and ethical issues. Students will investigate information technology careers and certifications in networking, programming and IT support services. Units would include, but not be limited to, exploring concepts in networking, programming, and support services, computer hardware components and peripherals, system and application software, and impact of technology on society.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

CISCO I: INTRODUCTION TO NETWORKS

Short Name
INTRONET

Course Code
270505

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media and operations are introduced to provide a foundation for the curriculum. By the end of this course, students will be able to build simple LANs, perform basic configurations for routers and switches and implement IP addressing schemes.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701

CISCO II: ROUTING AND SWITCHING ESSENTIALS

Short Name
R&S ESSEN

Course Code
270506

This course describes the architecture, components and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. CCNA II is part of the CISCO Certified Network Associate program that prepares students for the CCENT industry certification.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701

COMMUNICATION & INFORMATION SYSTEMS**CISCO III: SCALING NETWORKS**Short NameCourse Code**SCAL NET****270507**

This course describes the architecture, components and operations of routers and switches in a larger and more complex network. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement DHCP and DNS operations in a network. CISCO III is part of the Cisco Certified Network Associate program that prepares students for industry certification.

Recommended Level: Grades 11-12

Career Cluster: Informational Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY

2701

NETWORKINGShort NameCourse Code**NET SYS****270601**

This course is a study of the fundamentals of current networking technology. Students will learn to design, plan, implement, and support computer networks. The course introduces a full range of computer networking from local area networks to wide area networks.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

ARTS,A/V,TECH & COMMUNICATIONS

2903

INFORMATION TECHNOLOGY

2701

INFORMATION TECHNOLOGY-CE

2911

COMMUNICATION & INFORMATION SYSTEMS
--

DIGITAL MEDIA

Short Name

Course Code

DIG MEDIA

270602

Students will create, design and produce digital media including sound, video, graphics, text, and animation. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management and web processes.

Recommended Level: Grades 9-12

Career Cluster: Information Technology and Communication Arts

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
ENGLISH LANGUAGE ARTS	0502
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520

FOUNDATIONS OF WEB DESIGN

Short Name

Course Code

WEB DESIGN

270604

Students will demonstrate knowledge of web design and languages, including HyperText Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management.

Recommended Level: Grades 10-12

Career Cluster: Information Technology and Communication Arts

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

COMMUNICATION & INFORMATION SYSTEMS
--

PC SUPPORT AND MAINTENANCE

Short Name

Course Code

PC SUPP

270606

Students enter the world of computer technology and gain practical experience in assembling a computer system, installing an operating system, troubleshooting computers and peripherals, and using system tools and diagnostic software. They develop skills in resource sharing. In addition, students explore the relationships between internal and external computer components. Emphasis is placed on customer service skills and career exploration.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

INFORMATION TECHNOLOGY SUPPORT

Short Name

Course Code

ITECSUP

270607

Students will explore the issues related to providing information technology support to organizations. They will practice effective customer support strategies and learn troubleshooting techniques for hardware, software, and operating systems. Students will recommend technology products, design training documentation, and identify security threats.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

COMMUNICATION & INFORMATION SYSTEMS

INTRODUCTION TO MEDIA

Short Name

Course Code

INT MEDIA

270608

Students enrolled in this course will explore media skills for a variety of purposes (e.g., print, broadcast, video, audio, Internet, mobile). Students will learn about the power of the media and its historical development, current trends, and future innovations. Legal and ethical standards will be introduced as students begin the writing and editing process through hands-on opportunities with equipment and software.

Recommended Level: Grades 10-12

Career Cluster: Communication Arts

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
ENGLISH LANGUAGE ARTS	0502
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
SPEECH	0506
SPEECH	0522

VIDEO PRODUCTION

Short Name

Course Code

VIDEO PROD

270609

Students will expand their media skills of interviewing, reporting, writing, editing, photography/videography, and design. Students will explore careers while working together to create projects in a variety of media, such as print, web, podcast, and/or broadcast. The emphasis of Video Production is on collaboration and career exploration.

Recommended Level: Grades 10-12

Career Cluster: Communication Arts

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
ENGLISH LANGUAGE ARTS	0502
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
SPEECH	0506
SPEECH	0522

COMMUNICATION & INFORMATION SYSTEMS
--

MEDIA PRODUCTION

Short Name

Course Code

MED PROD

270610

Students will apply their media skills of interviewing, reporting, writing, editing, photography/videography, and design. Students will produce in a variety of media, such as print, broadcast, video, audio, Internet, and/or mobile. The emphasis of Media Production II is to work both independently and collaboratively to create a professional product while meeting deadlines.

Recommended Level: Grades 10-12

Career Cluster: Communication Arts

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
ENGLISH LANGUAGE ARTS	0502
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
SPEECH	0506
SPEECH	0522

DIGITAL DESIGN

Short Name

Course Code

INT DIGTL

270611

This course will introduce students to the technical tools and processes used in digital design. Students will be introduced to the design process model which includes typography, color, and imagery. In addition, design software will be utilized to create graphics, animation, web pages, and video. Students will demonstrate proper use of fair use guidelines. Career opportunities in digital design will be explored.

Recommended Level: Grades 9-12

Career Cluster: Communication Arts

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

COURSE CODES AND CLEARING ENDORSEMENTS	Page 65	Revised April 2019
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COMMUNICATION & INFORMATION SYSTEMS

ADVANCED DIGITAL DESIGN

Short Name

Course Code

ADV DIGTL

270613

Students will focus on developing advanced skills to plan, design, and create interactive projects using the elements of text, graphics, animation, sound, video, and digital imaging in interactive projects. These skills can prepare students for entry-level positions and other occupational or educational goals.

Recommended Level: Grades 11-12

Career Cluster: Communication Arts

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

ADVANCED PLACEMENT COMPUTER SCIENCE A

Short Name

Course Code

AP COMSC A

270700

The course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design and abstraction. Students are expected to be familiar with and be able to use standard Java library classes from the AP Java subject. Students should be able to read and understand a description of the design and development process leading to such a program. This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.org

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911
MATHEMATICS	1100

COMMUNICATION & INFORMATION SYSTEMS

COMPUTER SCIENCE A

Short Name

Course Code

COMSC A

270701

Computer Science A focuses on further developing computational thinking skills through app development for mobile platforms. The course utilizes industry-standard tools. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases.

Career Cluster: Information Technology

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

Short Name

Course Code

AP CSP

270702

The course introduces the essential ideas of computer science with a focus on how computing can impact the world. Along with the fundamentals of computing, one will learn to analyze data, information, or knowledge represented for computational use; create technology that has a practical impact; and gain a broader understanding of how computer science impacts people and society.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.org

Recommended Level: Grades 9-12

Career Cluster: Information Technology

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

COMMUNICATION & INFORMATION SYSTEMS
--

COMPUTER SCIENCE PRINCIPLES

Short Name

Course Code

CSP

270703

Computer Science Principles introduces students to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computer, you will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society.

Recommended Level: Grades 9-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

FOUNDATIONS OF COMPUTING

Short Name

Course Code

FNDCOMP

270704

Designed to be the first computer science course for students who have never programmed before. Foundations of Computing is a starting point for Computer Science. Students will explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students build computational-thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis.

Recommended Level: Grades 9-10

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 68	Revised April 2019
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COMMUNICATION & INFORMATION SYSTEMS

SOFTWARE DEVELOPMENT

Short Name

Course Code

SOFDEV

270705

Students will demonstrate advanced skills in the software development life cycle through in-depth use of a modern programming language. The content covered will include high-level, object-oriented concepts, while emphasizing the design of elegant solutions and efficient algorithms. Students will apply what they have learned through real world application.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

WEB DESIGN AND DEVELOPMENT

Short Name

Course Code

WEBDEV

270706

Students will demonstrate advanced knowledge of web design and development, including HyperText Markup Lanaguage (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to the development and coding of a website. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

CYBERSECURITY

Short Name

Course Code

CYBER

270707

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Students will solve problems by understanding and closing these culnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

COMMUNICATION & INFORMATION SYSTEMS
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PROJECT LEAD THE WAY - COMPUTER SCIENCE PRINCIPLES

Short Name

Course Code

PLTW-CSP

270708

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP® Computer Science Principles (AP CSP). This endorsement affirms that all components of PLTW CSP's offerings are aligned to the AP Curriculum Framework standards and the AP CSP assessment.

Recommended Level: Grades 9-12
 Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

PROJECT LEAD THE WAY - COMPUTER SCIENCE A

Short Name

Course Code

PLTW-CSA

270709

Computer Science A focuses on further developing computational-thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. This course aligns with the AP CS A course.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 70	Revised April 2019
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COMMUNICATION & INFORMATION SYSTEMS

PROJECT LEAD THE WAY – COMPUTER SCIENCE ESSENTIALS

Short Name

Course Code

PLTW-CSE

270710

In Computer Science Essentials, students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them. Computer Science Essentials helps students create a strong foundation to advance to Computer Science Principles, Computer Science A, and beyond.

Recommended Level: Grades 9-10

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

PROJECT LEAD THE WAY – CYBERSECURITY

Short Name

Course Code

PLTW-CYBER

270711

Students explore the tools and concepts of cybersecurity and create solutions that allow people to share computing resources while protecting privacy.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

IB COMPUTER SCIENCE

Short Name

Course Code

IB CS

270712

IB Computer Science reinforces and develops students understanding of computational thinking and knowledge of how computers and digital devices operate. Drawing on a wide spectrum of knowledge students innovate, explore, and acquire further knowledge. Content includes system fundamentals, networks, computational thinking, problem-solving and programming, data structures, resource management and control. Content updated annually with case studies. Students develop a product and associated documentation.

International Baccalaureate Organization governs this course from the Diploma Programme. In order to teach IB programmes, the school is an authorized IB World School. <http://www.ibo.org/en/programmes/>

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

COMMUNICATION & INFORMATION SYSTEMS
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COMMUNICATION AND INFORMATION SYSTEMS, OTHER

<u>Short Name</u>	<u>Course Code</u>
COMP OTHER	279930

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

COMMUNICATION AND INFORMATION SYSTEMS, OTHER

<u>Short Name</u>	<u>Course Code</u>
COMP OTHER	279931

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

COMMUNICATION & INFORMATION SYSTEMS
--

COMMUNICATION AND INFORMATION SYSTEMS, OTHER

<u>Short Name</u>	<u>Course Code</u>
COMP OTHER	279932

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

COMMUNICATION AND INFORMATION SYSTEMS, OTHER

<u>Short Name</u>	<u>Course Code</u>
COMP OTHER	279933

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

COURSE CODES AND CLEARING ENDORSEMENTS	Page 73	Revised April 2019
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COMMUNICATION & INFORMATION SYSTEMS

COMMUNICATION AND INFORMATION SYSTEMS, OTHER

Short Name

Course Code

COMP OTHER

279934

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARTS,A/V,TECH & COMMUNICATIONS	2903
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
INFORMATION TECHNOLOGY-CE	2911

COURSE CODES AND CLEARING ENDORSEMENTS	Page 74	Revised April 2019
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DRIVER EDUCATION/SAFETY EDUCATION

DRIVER EDUCATION

Short Name
DR ED

Course Code
210105

The course emphasizes a combination of classroom study and automobile operation designed to assist students in becoming knowledgeable traffic citizens while providing the opportunity to operate an automobile under actual road conditions.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
DRIVER EDUCATION	2101

SAFETY EDUCATION

Short Name
SAFETY ED

Course Code
210200

A combination of subject matter and experiences directed toward the conservation of human and material resources. The learning environment provided is such that students may acquire knowledge and behavioral patterns conducive to efficient and safe living.

This code should also be used for such courses as:

- School Safety
- Bicycle, Motorcycle Safety
- Vocational and Occupational Safety
- Moped Safety
- Pedestrian Safety
- Other Safety

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
DRIVER EDUCATION	2101

EDUCATION AND TRAINING

INTRODUCTION TO EDUCATION AND TRAINING

Short Name

Course Code

INTR EDTR

350001

This course is designed to introduce students to career opportunities and related skills in the Education and Training career field, including teaching and professional educational training. Students will explore topics related to the foundation and history of education, the philosophy of education, roles of educators, instructional and assessment methods, diversity of cultures and communities related to educational settings, learner development, and professional development. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

Recommended Level: Grades 9-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EDUCATION & TRAINING	2905
OTHER ENDORSEMENT	8888

BEST PRACTICES IN EDUCATION AND TRAINING

Short Name

Course Code

BESTP ET

350002

This course is a continuation of the Introduction to Education and Training course and is the second course in a three course sequence. Students will further engage in topics related to instructional and assessment methods, including differentiation of instruction. Students will also develop active listening skills necessary for educators, and demonstrate positive feedback techniques. Students will gain skills related to planning for instruction, which will be utilized in the field experience (the third course in this sequence). Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

Recommended Level: Grades 10-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EDUCATION & TRAINING	2905
OTHER ENDORSEMENT	8888

FIELD EXPERIENCE IN EDUCATION AND TRAINING

Short Name

Course Code

ET FIELD

350010

This course is a continuation of the Best Practices in Education and Training course and is the third course in a three course sequence. Through this capstone experience, students will apply previously developed knowledge and skills into a structured workplace experience. This volunteer experience may take place within a school environment for those seeking teaching careers, or within the business and industry community for those seeking careers in professional educational training. Goals are set cooperatively by students, their instructor, and respective supervising professionals. Opportunities may include experience teaching in a controlled setting by designing learning experiences and facilitating presentations. Students will focus on improving their instructional strategies through coaching from their teacher and supervising professionals. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

Recommended Level: Grades 10-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EDUCATION & TRAINING	2905
OTHER ENDORSEMENT	8888

EDUCATION AND TRAINING

EDUCATION AND TRAINING, OTHER

<u>Short Name</u>	<u>Course Code</u>
EDTR, OTH	359930

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EDUCATION & TRAINING	2905
OTHER ENDORSEMENT	8888

EDUCATION AND TRAINING, OTHER

<u>Short Name</u>	<u>Course Code</u>
EDTR, OTH	359931

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EDUCATION & TRAINING	2905
OTHER ENDORSEMENT	8888

EDUCATION AND TRAINING, OTHER

<u>Short Name</u>	<u>Course Code</u>
EDTR, OTH	359932

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EDUCATION & TRAINING	2905
OTHER ENDORSEMENT	8888

EDUCATION AND TRAINING

EDUCATION AND TRAINING, OTHER

<u>Short Name</u> EDTR, OTH	<u>Course Code</u> 359933
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Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EDUCATION & TRAINING	2905
OTHER ENDORSEMENT	8888

EDUCATION AND TRAINING, OTHER

<u>Short Name</u> EDTR, OTH	<u>Course Code</u> 359934
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Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EDUCATION & TRAINING	2905
OTHER ENDORSEMENT	8888

ENGLISH LANGUAGE ARTS**LANGUAGE ARTS/SKILLS**Short NameCourse Code**LANG ARTS****050001**

Subject matter and experience concerned with the knowledge, understanding and skills in the full range of language experiences, requiring oral, written and listening skills. Activities include most of the following:

Language and linguistics, English, composition,
Reading, literature, public media, speech,
Dramatic arts and journalism.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508

ENGLISH LANGUAGE ARTS

LINGUISTICS

Short NameCourse Code

LINGUISTS

050008

An introductory study of language such as, its nature, structure, varieties and history, including especially the sound system, grammatical system, vocabulary, word derivation and writing system.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH	0501
ENGLISH AS 2ND LANG	0605
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
SPEECH	0506
SPEECH	0522
WORLD LANGUAGE	0699
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

ENGLISH LANGUAGE ARTS

ENGLISH

Short Name

Course Code

ENGLISH

050011

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

ENGLISH I

Short Name

Course Code

ENG I

050021

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 9th grade students.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

COURSE CODES AND CLEARING ENDORSEMENTS	Page 81	Revised April 2019
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ENGLISH LANGUAGE ARTS

ENGLISH II

Short Name

Course Code

ENG II

050022

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 10th grade students.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
SECONDARY ENGLISH	0512

ENGLISH III

Short Name

Course Code

ENG III

050023

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 11th grade students.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
SECONDARY ENGLISH	0512

ENGLISH LANGUAGE ARTS

ENGLISH IV

Short Name
ENG IV

Course Code
050024

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 12th grade students.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
SECONDARY ENGLISH	0512

ADVANCED PLACEMENT ENGLISH LANG/COMP

Short Name
AP ENGCOMP

Course Code
050050

An AP course in English Language and Composition engages students in becoming skilled readers of prose, written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. The purpose of this course is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. This course should help students move beyond such programmatic responses as the five-paragraph essay that provides an introduction with a thesis and three reasons, body paragraph on each reason, and a conclusion that restates the thesis.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502

ADVANCED PLACEMENT ENGLISH LIT/COMP

Short Name
AP ENG LIT

Course Code
050051

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Reading in an AP course is both wide and deep. This reading necessarily builds upon and complements the reading done in previous English courses so that by the time students complete their AP course, they will have read works from several genres and periods - from the 16th to the 21st century.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502

COURSE CODES AND CLEARING ENDORSEMENTS	Page 83	Revised April 2019
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ENGLISH LANGUAGE ARTS

IB LANGUAGE A - (ENGLISH)

Short Name

Course Code

IB ENG A

050052

IB Language A (English) courses prepare students to take the International Baccalaureate Language A exams at either the "Standard" or higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors and written analyses of this literature in addition to other oral and written assignments. All course content is designed to improve students' accuracy and fluency in the English language.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

IB LANGUAGE A (ENGLISH) MIDDLE YEARS PROGRAM

Short Name

Course Code

IB ENGA MY

050053

International Baccalaureate (IB) Language A (English), Middle Years Program courses include instruction in the instrumental function of a language, emphasizing skills in listening, viewing, speaking, reading, and writing, as well as literature encompassing a variety of periods and genres.

Recommended Level: Grades 6-9

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

COURSE CODES AND CLEARING ENDORSEMENTS	Page 84	Revised April 2019
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ENGLISH LANGUAGE ARTS

ENGLISH GRAMMAR

Short Name

Course Code

ENG GRAM

050060

English Grammar courses focus on the structure of the formal standard American English language, involving sentence structure, parts of speech and the function of words, phrases, and clauses, and proper punctuation.

Recommended Levels: Grades 3-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
SECONDARY ENGLISH	0512

YEARBOOK

Short Name

Course Code

YB

050061

Yearbook courses help students develop basic or advanced skills in one or more of the following areas: 1) photography and editing, 2) page layout and design, 3) publishing techniques, 4) copy writing, 5) interviewing techniques, 6) production management, and 7) sales and marketing promotions.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520

COURSE CODES AND CLEARING ENDORSEMENTS	Page 85	Revised April 2019
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ENGLISH LANGUAGE ARTS

RESEARCH METHODS

Short Name

Course Code

RES METH

050062

This course is designed to prepare students for independent research and writing activities at the postsecondary level. Students will use the writing process to organize, research, and prepare final drafts of formal research writing.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
SECONDARY ENGLISH	0512

LITERATURE OF A GENRE

Short Name

Course Code

LIT GEN

050063

Courses in this category are designed to improve students' language arts and critical- thinking skills while focusing on one or several genres, such as poetry, essay, biography, short story, drama, film, and so on. Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of these genre- oriented courses, and written compositions are often required.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502

COURSE CODES AND CLEARING ENDORSEMENTS	Page 86	Revised April 2019
---	--------------------	-----------------------------------

ENGLISH LANGUAGE ARTS

CREATIVE WRITING/COMPOSITION

Short Name

Course Code

WRITING

050100

Learning experiences designed to develop knowledge, understanding, and skills involved in expressive uses of writing. Experiences include poetry, fiction and non-fiction used primarily to express the interests and emotions of the writer.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

READING

Short Name

Course Code

READING

050102

Learning experiences designed to develop student skill in generating meaning from a variety of texts. Instruction typically emphasizes the continuous development of reading skills and processes appropriate for student needs and purposes for reading.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512
SPED EARLY CHLDHOOD	1916

COURSE CODES AND CLEARING ENDORSEMENTS	Page 87	Revised April 2019
---	--------------------	-----------------------------------

ENGLISH LANGUAGE ARTS

LITERATURE, GENERAL	<u>Short Name</u> LITERATURE	<u>Course Code</u> 050300
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The study of printed materials which have noteworthy content and excellence of style and which may be identified by country, type and/or period of time.

This code should also be used for such courses as:
Classical Literature

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817

AMERICAN LITERATURE	<u>Short Name</u> AM LIT	<u>Course Code</u> 050301
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The study of printed materials which have noteworthy content and excellence of style and which are limited to those written by American authors (including Colonial period writers).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817

COURSE CODES AND CLEARING ENDORSEMENTS	Page 88	Revised April 2019
---	--------------------	-----------------------------------

ENGLISH LANGUAGE ARTS

BRITISH LITERATURE

Short Name

Course Code

BRIT LIT

050304

The study of printed materials which have noteworthy content and excellence of style and which are limited to those written by British authors.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502

LITERATURE, SPECIALIZED

Short Name

Course Code

LIT SPEC

050310

The study of printed materials which have noteworthy content and excellence of style and which are limited to specific periods of time, genre, author or subject matter, e.g., Science Fiction, 20th Century Novels, Mark Twain, Shakespeare, etc.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817

COURSE CODES AND CLEARING ENDORSEMENTS	Page 89	Revised April 2019
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ENGLISH LANGUAGE ARTS

JOURNALISM I

Short Name

Course Code

JOURN I

050401

This course introduces students to the concept of newsworthiness and press responsibility; develops students' skills in writing and editing stories, headlines, and captions; and teaches students the basis of production design, layout, and printing of a publication such as school newspapers, year books and literary magazines.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
MIDDLE GR/LANGUAGE ARTS	1817

JOURNALISM II

Short Name

Course Code

JOURN II

050402

This course provides students practice in advanced journalistic techniques and involves them in the formation and/or management of the production team. This course may include the production of a school newspaper, yearbook, or literary magazine and may include elements of photography, photojournalism, and exploration of opportunities for careers in journalism.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
MIDDLE GR/LANGUAGE ARTS	1817

ENGLISH LANGUAGE ARTS

RADIO/TV PRODUCTION

Short Name

Course Code

RADIO/TV

050404

A study of broadcasting that includes its history, role in contemporary society, artistic dimensions, production techniques, principal genres, etc.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH LANGUAGE ARTS	0502
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
THEATRE	0523
THEATRE	1204

SPEECH, BEGINNING

Short Name

Course Code

SPEECH BEG

050501

An introductory course in oral communication. Emphasized are intra and inter- personal communication through activities in group discussion, audience analysis, speech organization and delivery.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SPEECH	0506
SPEECH	0522

ENGLISH LANGUAGE ARTS**SPEECH, ADVANCED**Short NameCourse Code**SPEECH AD****050502**

The second level of study in oral communication. In addition to further practice in public speaking, opportunities may be included to study and practice debates, communication theory and oral interpretation of literature.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
SPEECH	0506
SPEECH	0522

DEBATEShort NameCourse Code**DEBATE****050503**

The study of the application of forms of argument to test ideas or reach decisions.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH LANGUAGE ARTS	0502
SPEECH	0506
SPEECH	0522

ENGLISH LANGUAGE ARTS**PERSONAL COMMUNICATION**Short Name
PERS COMMCourse Code
050505

The study and practice of the transitional nature of the communication act as it is affected by self-image, stereotypes, verbal and non-verbal feedback and/or communication barriers.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SPEECH	0506
SPEECH	0522

APPLIED COMMUNICATIONSShort Name
APPLD COMMCourse Code
050506

A course designed to assist students in developing and refining job-related communication skills: reading, writing/composition, listening, speaking, problem-solving, thinking, visual and nonverbal skills, all interwoven in a manner that prepares students for the world of work outside the classroom. The course is designed to integrate the study of literature with skills needed in the workplace.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
SECONDARY ENGLISH	0512

ENGLISH LANGUAGE ARTS

DRAMA, BEGINNINGShort Name
DRAMA BEGCourse Code
050600

The study of a type of literature distinguished by plot, setting, theme and characters engaged in movement and dialogue. The main types and styles of dramatic literature usually studied are: tragedy, comedy, melodrama, farce, social drama of ideas, classical, romantic, realistic, impressionistic and expressionistic. Appreciation of the literary qualities may be enhanced by its being read as an artistic creation intended for performance on a stage.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SPEECH	0506
SPEECH	0522
THEATRE	0523
THEATRE	1204

DRAMA, ADVANCEDShort Name
DRAMA ADVCourse Code
050650

The continued study of dramatic literature and styles of its presentation. May also include writing of such literature.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH LANGUAGE ARTS	0502
THEATRE	0523
THEATRE	1204

COURSE CODES AND CLEARING ENDORSEMENTS	Page 94	Revised April 2019
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ENGLISH LANGUAGE ARTS

LANGUAGE ARTS-SOCIAL SCIENCE CORE

Short Name

Course Code

LANG SOCS

050700

An integrated, interdisciplinary study of language arts, skills, literature, and social science - typically U.S. history. May also include components from such related areas of the humanities as art and music.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
HISTORY	1505
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

READING-MIDDLE GRADES/JUNIOR HIGH I

Short Name

Course Code

READ MG I

050800

This course includes experiences designed to help students expand, develop, and apply reading skills introduced in the elementary grades. This includes reading both for information and enjoyment.

Use this code for the first course in reading at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512

COURSE CODES AND CLEARING ENDORSEMENTS	Page 95	Revised April 2019
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ENGLISH LANGUAGE ARTS

READING-MIDDLE GRADES/JUNIOR HIGH II

Short Name

Course Code

READ MG II

050801

This course includes experiences designed to help students expand, develop, and apply reading skills introduced in first level of middle grades reading. This includes reading both for information and enjoyment.

Use this code for the second course in reading at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512

LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH I

Short Name

Course Code

LANG MG I

050802

This course includes experiences that engage students in using language for a variety of reading, writing, speaking, and listening purposes designed to help students expand, develop, and apply the skills introduced in the elementary grades.

Use this code for the first course in language arts at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

COURSE CODES AND CLEARING ENDORSEMENTS	Page 96	Revised April 2019
---	--------------------	-----------------------------------

ENGLISH LANGUAGE ARTS

LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH II	<u>Short Name</u> LANG MG II	<u>Course Code</u> 050803
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This course includes experiences that continue to engage students in using language for a variety of reading, writing, speaking, and listening purposes designed to help students expand, develop, and apply the skills introduced in the first level of middle grades language arts.

Use this code for the second course in language arts at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH III	<u>Short Name</u> LANG MGIII	<u>Course Code</u> 050804
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This course includes experiences that continue to engage students in using language for a variety of reading, writing, speaking, and listening purposes designed to help students expand, develop, and apply the skills introduced in the first and second level of middle grades language arts.

Use this code for the third course in language arts at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

COURSE CODES AND CLEARING ENDORSEMENTS	Page 97	Revised April 2019
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ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS, OTHER

Short Name

Course Code

ENG OTHER

059930

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Using codes 059930 through 059934 means you can add five "other" courses by using one code for each one of the five courses.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
SECONDARY ENGLISH	0512

ENGLISH LANGUAGE ARTS, OTHER

Short Name

Course Code

ENG OTHER

059931

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

COURSE CODES AND CLEARING ENDORSEMENTS	Page 98	Revised April 2019
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ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS, OTHER

Short Name

Course Code

ENG OTHER

059932

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

ENGLISH LANGUAGE ARTS, OTHER

Short Name

Course Code

ENG OTHER

059932

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

COURSE CODES AND CLEARING ENDORSEMENTS	Page 99	Revised April 2019
---	--------------------	-----------------------------------

ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS, OTHER

Short Name

Course Code

ENG OTHER

059934

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

FINE ARTS (ART)

ART I

Short Name
ART I

Course Code
020100

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

ART II

Short Name
ART II

Course Code
020200

A second course in Art. In-depth considerations of design and composition, with extended experiences in two and three dimensional work; may be in 9-week segments emphasizing, for example:

- Drawing
- Painting
- Printmaking
- Pottery/Ceramics
- Sculpture
- Photography

Further consideration of art appreciation, theory, and history may be included at this level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
MIDDLE GR/ART	1811

ART III

Short Name
ART III

Course Code
020300

An extension of the experiences provided in Art II with the opportunity for increasing specialization. Specialized courses in art appreciation, theory and history should be designated with this title.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200

COURSE CODES AND CLEARING ENDORSEMENTS	Page 101	Revised April 2019
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FINE ARTS (ART)

ART IV

Short Name
ART IV

Course Code
020400

Independent, contract study.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200

ADVANCED PLACEMENT STUDIO ART 2D

Short Name
AP ART 2D

Course Code
020500

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios - 2-D Design, 3-D Design and Drawing - corresponding to the most common college foundation courses.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200

ADVANCED PLACEMENT STUDIO ART 3D

Short Name
AP ART 3D

Course Code
020501

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios - 2-D Design, 3-D Design and Drawing - corresponding to the most common college foundation courses.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200

FINE ARTS (ART)

ADVANCED PLACEMENT STUDIO ART DRAW

Short Name

Course Code

AP ART DR

020502

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios - 2-D Design, 3-D Design and Drawing - corresponding to the most common college foundation courses.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

ADVANCED PLACEMENT ART HISTORY

Short Name

Course Code

AP ARTHIST

020503

The AP Art History course should engage students at the same level as an introductory college art history survey. Such a course involves critical thinking and should develop an understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting and other media.

It also provides an opportunity for schools to strengthen an area neglected in most curricula. In this course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes understanding how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of works of art. Many colleges and universities offer advanced placement and/or credit to students who perform successfully on the AP Art History Exam.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

PHOTOGRAPHY

Short Name

Course Code

PHOTOGRAPH

020600

An introductory course dealing with the study of such topics as exposure, film types, filters, cameras, lenses, close-up photography, photomacrography, photomicrography, proof sheets, negatives, the darkroom, and basic techniques and skills of photography.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

MIDDLE GR/ART

1811

FINE ARTS (ART)

IB-VISUAL ARTS

Short Name

Course Code

IB-VISARTS

020700

IB Visual Arts courses prepare students to take the International Baccalaureate (IB) Visual Arts exams at either the standard or higher level. IB Visual Arts courses provide experiences that develop students' aesthetic and creative faculties, provide experiences in various visual art forms, offer training in awareness and criticism of art, and enable students to create their own quality works of art. Students perform both studio and research work; the research component is designed to investigate particular topics or concepts of interest in further detail. These courses were formerly known as IB Art/Design in some areas.

Recommended Level 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

INTERDISCIPLINARY ARTS-VISUAL ARTS

Short Name

Course Code

INTER-VA

020701

Interdisciplinary Arts courses explore communication across the arts disciplines: any subset or all of the visual arts, music, drama, theatre, dance, and literature may be addressed in the curriculum for these courses. Students study and critique the works of others and participate in or produce art themselves. These courses often include comparative study of various art forms over time (e.g., the interrelationship of theatre and visual arts of a particular time period and culture).

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

VISUAL ARTS-INDEPENDENT STUDY

Short Name

Course Code

VISARTSIND

020702

Fundamentals of Design courses provide an introduction to and help students respond to the function of fundamental processes of artistic expression in two- and three-dimensional designs. Students apply the concepts and approaches in the symbolic aspects of art and design to two- and three-dimensional problems so that they demonstrate a range of abilities and versatility with technique, problem solving, and idealization. Students study, analyze, and respond to the function of fundamental processes of artistic expression in their work. Students learn to respond to their work and the work of others.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

FINE ARTS (ART)

VISUAL ARTS-WORK BASED LEARNING

<u>Short Name</u>	<u>Course Code</u>
VISARTWBL	020703

Visual Arts—Work Based Learning courses provide students with work experience in a field related to visual arts. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

ART-MIDDLE GRADES/JUNIOR HIGH I

<u>Short Name</u>	<u>Course Code</u>
ART MG I	020800

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

Use this code for the first course in art at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

ART-MIDDLE GRADES/JUNIOR HIGH II

<u>Short Name</u>	<u>Course Code</u>
ART MG II	020801

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

Use this code for the second course in art at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

COURSE CODES AND CLEARING ENDORSEMENTS	Page 105	Revised April 2019
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FINE ARTS (ART)

ART-MIDDLE GRADES/JUNIOR HIGH III

Short Name

Course Code

ART MG III

020802

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

Use this code for the third course in art at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

ART, OTHER

Short Name

Course Code

ART OTHER

029930

Programs or courses not otherwise listed or classifiable.

Using codes 029930 through 029934 means you can add five "other" courses by using one code for each of the five courses.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

FINE ARTS (ART)

ART, OTHER

<u>Short Name</u>	<u>Course Code</u>
ART OTHER	029931

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

ART, OTHER

<u>Short Name</u>	<u>Course Code</u>
ART OTHER	029932

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

FINE ARTS (ART)

ART, OTHER

Short Name
ART OTHER

Course Code
029933

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

ART, OTHER

Short Name
ART OTHER

Course Code
029934

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

COURSE CODES AND CLEARING ENDORSEMENTS	Page 108	Revised April 2019
---	---------------------	-----------------------------------

FINE ARTS (THEATRE)

INTRODUCTION TO THEATRE

<u>Short Name</u>	<u>Course Code</u>
THEATRE	220100

Courses involving study of playwriting, dramatic literature, scenic design, acting, directing, and the supporting arts and crafts of the THEATRE and may include certain aspects of radio, TV, film, and other media. Generally, such study should be coupled with opportunities for the actual production of the various forms of theatre arts.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
THEATRE	0523
THEATRE	1204

THEATRE-ACTING/PERFORMANCE

<u>Short Name</u>	<u>Course Code</u>
THEAA&P	220200

Theatre—Acting/Performance courses provide students with experience and skill development in one or more aspects of theatrical production, by concentrating on acting and performance skills. Introductory courses explore fundamental techniques, while advanced courses extend and refine technique, expand students' exposure to different types of theatrical craft and traditions from varied social and historical contexts, and increase their participation in public productions.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
	0504
ENGLISH LANGUAGE ARTS	0502
SPEECH	0506
SPEECH	0522
THEATRE	0523
THEATRE	1204

FINE ARTS (THEATRE)

THEATRE-STAGECRAFT

Short Name
THEASTAGE

Course Code
220300

Theatre—Stagecraft courses provide students with an understanding of the various aspects of theatrical production, including lighting, costuming, sound, set construction, makeup, stage management, and the use of computer and media-based applications. These courses prepare students to engage in the hands-on application of these production elements in design and technology courses.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
	0504
ENGLISH LANGUAGE ARTS	0502
SPEECH	0506
SPEECH	0522
THEATRE	0523
THEATRE	1204

THEATRE-DIRECTING

Short Name
THEADIRECT

Course Code
220400

Theatre—Directing courses focus on developing students' skills in translating a script into a final production. Directing courses enable each student to create an artistic vision and develop a personal aesthetic. These courses may expose students to different types of theatrical techniques and traditions. They also provide students with opportunities to direct the performances of others (either in scenes or in a full production).

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
	0504
ENGLISH LANGUAGE ARTS	0502
SPEECH	0506
SPEECH	0522
THEATRE	0523
THEATRE	1204

FINE ARTS (THEATRE)

THEATRICAL PRODUCTION AND MANAGEMENT

Short Name

Course Code

THEAP&M

220500

Theatrical Production and Management courses prepare students to manage the planning, design, preparation, and production of plays and other theatrical performances. Course content may include instruction in theatrical design, program management, dramatic production, rehearsal management, personnel management and casting, actor coaching, directing concepts and techniques, dramaturgy, script interpretation, business management, marketing, public relations, and communications skills.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
	0504
ENGLISH LANGUAGE ARTS	0502
SPEECH	0506
SPEECH	0522
THEATRE	0523
THEATRE	1204

IB-THEATRE

Short Name

Course Code

IB-THEA

220700

IB Theatre courses prepare students to take the International Baccalaureate (IB) Theatre exams at either the standard or higher level. IB Theatre courses encourage students to examine the theory, history, and culture of theatre. These courses also help students develop the organizational and technical skills to express themselves through scripted performance, workshops, and independent project(s).

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
	0504
ENGLISH LANGUAGE ARTS	0502
SPEECH	0506
SPEECH	0522
THEATRE	0523
THEATRE	1204

COURSE CODES AND CLEARING ENDORSEMENTS	Page 111	Revised April 2019
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FINE ARTS (THEATRE)

INTERDISCIPLINARY ARTS-THEATRE

Short Name

Course Code

INTER-THEA

220701

Interdisciplinary Arts courses explore communication across the arts disciplines: any subset or all of the visual arts, music, drama, theatre, dance, and literature may be addressed in the curriculum for these courses. Students study and critique the works of others and participate in or produce art themselves. These courses often include comparative study of various art forms over time (e.g., the interrelationship of theatre and visual arts of a particular time period and culture).

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
	0504
ENGLISH LANGUAGE ARTS	0502
SPEECH	0506
SPEECH	0522
THEATRE	0523
THEATRE	1204

THEATRE-INDEPENDENT STUDY

Short Name

Course Code

THEAIND

220702

Theatre—Independent Study courses, often conducted with instructors or professional artists as mentors, enable students to focus on a specific area of emphasis within the discipline. These courses enable students to independently explore one or more aspects of theatre. Independent Study courses may serve as an opportunity for students to expand expertise in a particular theatrical genre or style, explore a topic in greater detail, or develop more advanced skills.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
	0504
ENGLISH LANGUAGE ARTS	0502
SPEECH	0506
SPEECH	0522
THEATRE	0523
THEATRE	1204

FINE ARTS (THEATRE)

THEATRE WORK BASED LEARNING

Short Name

Course Code

THEAWBL

220703

Theatre—Work Based Learning courses provide work experience in a field related to drama and the theatre. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

THEATRE, OTHER

Short Name

Course Code

THEAOTHER

229930

This may include courses such as Theatre Arts, Playwriting & Screenwriting, Musical Theatre, History of the Theatre, Adaptive Theatre, Theatre Creativity as a Lifelong Learner.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH LANGUAGE ARTS
SPEECH
SPEECH
THEATRE
THEATRE

0504
0502
0506
0522
0523
1204

FINE ARTS (MUSIC)

MUSIC

<u>Short Name</u>	<u>Course Code</u>
MUSIC	120100

Music designed for all students for general cultural development.

This code should also be used for:
General Music

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

VOCAL MUSIC

<u>Short Name</u>	<u>Course Code</u>
VOCALMUSIC	120400

Learning experiences designed for vocal repertoire and vocal skills through solo and group performance in ensembles of students such as a choir, chorus and swing choir/show choir.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MUSIC	1201
VOCAL MUSIC	1203

SMALL PERFORMING GROUPS/VOCAL

<u>Short Name</u>	<u>Course Code</u>
VOC GRPS	120450

A vocal chamber group such as a trio, quartet, octet, and/or ensembles that offer opportunities not available in larger groups.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MUSIC	1201
VOCAL MUSIC	1203

FINE ARTS (MUSIC)

INSTRUMENTAL MUSIC

<u>Short Name</u>	<u>Course Code</u>
INSTRMUSIC	120500

The study of instrumental music skills through solo and group performance in larger ensembles of students such as concert, marching, and jazz band, and full or string orchestra.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201

SMALL PERFORMING GROUPS/INSTRUMENTAL

<u>Short Name</u>	<u>Course Code</u>
INSTR GRPS	120550

An instrumental chamber group such as a trio, quartet, or quintet that offers opportunities not available in larger groups.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201

INDIVIDUAL INSTRUCTION/VOCAL

<u>Short Name</u>	<u>Course Code</u>
IND/VOC	120600

Instruction designed for developing skills and knowledge in vocal performance.

NOTE: No more than 10 instructional units may be counted for either vocal or instrumental individual instruction or any combination thereof.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MUSIC	1201
VOCAL MUSIC	1203

COURSE CODES AND CLEARING ENDORSEMENTS	Page 115	Revised April 2019
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FINE ARTS (MUSIC)

INDIVIDUAL INSTRUCTION/INSTRUMENTAL

<u>Short Name</u>	<u>Course Code</u>
IND/INS	120650

Instruction designed for developing skill and knowledge in instrumental performance.

NOTE: No more than 10 instructional units may be counted for either vocal or instrumental individual instruction or any combination thereof.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201

ADVANCED PLACEMENT MUSIC THEORY

<u>Short Name</u>	<u>Course Code</u>
AP MUSTHEO	120700

The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. In an AP Music Theory course, students should be required to read, notate, write, sing and listen to music.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

FINE ARTS (MUSIC)**IB-MUSIC**Short Name**IB-MUSIC**Course Code**120800**

IB Music courses prepare students to take the International Baccalaureate Music exam at either the standard or higher level. IB Music courses develop students' knowledge and understanding of music through study of musical perception, including study of musical elements, form and structure, notations, musical terminology and context. These courses include exploration of music from different places, cultures, and time periods. They also involve training in at least one of the following: creating, solo performing, and group performing.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

INTERDISCIPLINARY ARTS-MUSICShort Name**INTER-MUS**Course Code**120801**

Interdisciplinary Arts courses explore communication across the arts disciplines: any subset or all of the visual arts, music, drama, theatre, dance, and literature may be addressed in the curriculum for these courses. Students study and critique the works of others and participate in or produce art themselves. These courses often include comparative study of various art forms over time (e.g., the interrelationship of theatre and visual arts of a particular time period and culture).

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

FINE ARTS (MUSIC)

MUSIC-INDEPENDENT STUDY

Short Name

Course Code

MUSIND

120802

Music—Independent Study courses, often conducted with instructors, professional musicians, or voice coaches as mentors, enable students to explore music-related topics. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

MUSIC-WORK BASED LEARNING

Short Name

Course Code

MUSWBL

120803

Music—Work Based Learning courses provide students with work experience in a field related to music. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

MUSIC THEORY FUNDAMENTALS

Short Name

Course Code

MUSTHFUND

120804

Music Theory courses provide students with an understanding of the fundamentals of music and include the following topics: composition, arranging, analysis, aural development, and sight reading.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

COURSE CODES AND CLEARING ENDORSEMENTS	Page 118	Revised April 2019
---	---------------------	-----------------------------------

FINE ARTS (MUSIC)

MUSIC TECHNOLOGY/ELECTRONIC

<u>Short Name</u>	<u>Course Code</u>
MUSTECHNO	120805

Technology/Electronic Music courses emphasize current technology as a means to create, record, mix, and otherwise interact with music and music media. These courses focus on experimenting with electronic music technology as part of the process for creating music.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

MUSIC CULTURAL ENSEMBLES

<u>Short Name</u>	<u>Course Code</u>
MUSCULTENS	120806

Culturally Influenced Ensemble courses help students perform a variety of cultural music styles, such as Mariachi band, steel drum band, Indian gamelan, or African drumming ensembles. At the same time, these courses help students develop techniques on instruments appropriate to the style(s) performed—brass, woodwind, string, percussion instruments, and/or electronic and provide experiences in creating and responding to music. Courses emphasize instrumental music but may also include vocal music. Advanced coursework provides students with opportunities for growth through rehearsal and performance, improvisation, or creating and performing their own compositions.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

FINE ARTS (MUSIC)

MUSIC COMPOSITION/SONGWRITING

Short Name

Course Code

MUSCOMP

120807

Composition/Songwriting courses prepare students to express themselves through creating music. These courses may use conventional or unconventional notation and may include instrumental and vocal music. Along with musical instruments and vocals, technology may be used for creating, recording, and performing music. Courses may include focus on composition for use in emerging media arts (e.g., film, animation, and gaming). Students will also perform compositions formally or informally and respond to music created in the classroom.

Recommended Level: Grades 9-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

MUSIC, OTHER

Short Name

Course Code

MUSIC OTH

129930

Music courses not listed or classifiable under the above codes.

This code could be used for:

- Music Literature, History
- Music Appreciation
- Music Theory

Using codes 129930 through 129934 means you can add five "other" courses by using one code for each one of the five courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

COURSE CODES AND CLEARING ENDORSEMENTS	Page 120	Revised April 2019
---	---------------------	-----------------------------------

FINE ARTS (MUSIC)

MUSIC, OTHER

<u>Short Name</u>	<u>Course Code</u>
MUSIC OTH	129931

Music courses not listed or classifiable under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

MUSIC, OTHER

<u>Short Name</u>	<u>Course Code</u>
MUSIC OTH	129932

Music courses not listed or classifiable under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

COURSE CODES AND CLEARING ENDORSEMENTS	Page 121	Revised April 2019
---	---------------------	-----------------------------------

FINE ARTS (MUSIC)

MUSIC, OTHER

<u>Short Name</u>	<u>Course Code</u>
MUSIC OTH	129933

Music courses not listed or classifiable under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

MUSIC, OTHER

<u>Short Name</u>	<u>Course Code</u>
MUSIC OTH	129934

Music courses not listed or classifiable under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

COURSE CODES AND CLEARING ENDORSEMENTS	Page 122	Revised April 2019
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HEALTH SCIENCES

EXPLORATION OF HEALTH SCIENCES

Short Name

Course Code

EXPLORE HS

077200

Introduction to Health Science careers within the five pathways. This course may provide experiences along with information and knowledge related to the health care field.

Recommended Level: Middle/Junior High

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700

PLTW MEDICAL DETECTIVES

Short Name

Course Code

PLTW MD

077201

This course is taught at the middle school level. Medical Detectives (MD) explores the biomedical sciences through hands-on projects and labs that require students to solve a variety of medical mysteries. Students investigate medical careers, vital signs, diagnosis and treatment of diseases, as well as human body systems such as the nervous system. Genetic testing for hereditary diseases and DNA crime scene analysis put the students in the place of real life medical detectives.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grade 8

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES

HEALTH SCIENCES I

Short Name

Course Code

HLTHSC I

077300

This course is designed to introduce students to career opportunities and related skills in the Health Science career field. Students will explore topics related to; health informatics, biotechnology research, therapeutic certificated services, behavioral health, life span performance and allied/public health. This course also focuses on cost and educational requirements of health science professions, ethical and legal responsibilities, the history and economics of health care.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES II

Short Name

Course Code

HLTHSC II

077301

This course is a continuation of the Health Sciences I course and is the second course in a three course sequence. Instruction includes anatomy and physiology, medical terminology, medical ethics and law, diseases and disorders, positive and negative health and wellness behaviors, and basic first aid. Students will gain skills related to continuing in the health sciences career field, which will be utilized in the Project Based Learning experience (the third course in this sequence).

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization..

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 124	Revised April 2019
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HEALTH SCIENCES

HEALTH SCIENCES III

Short Name

HLTHSCIII

Course Code

077302

This course is a continuation of Health Science I and Health Science II and is the third course in a three course program of study. It has been designed to give the student a project based learning (PBL) experience in relation to health sciences. Students will follow a project based learning model of the classroom teacher's choice, such as the Buck Institute for Education Project Based Learning Model. Students will be required to give a final presentation of their experience in the media of their choice to community members. This course will include work-based experiences and advanced career planning as a result of this experience. This course can also be designed as an individualized study plan.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Technical Student Organization (CTSO).

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

PERSONAL AND COMMUNITY MEDICAL ISSUES/PUBLIC HEALTH

Short Name

MEDISSPH

Course Code

077303

Students will gain an increased understanding of how their personal health is influenced by a wide range of biological, environmental, political, and societal factors, and will explore the numerous ways in which public health professionals are trained to promote and protect population health and well-being locally, regionally, at the national, as well as the global level. This course will engage students in critical conversations around how they can influence their own, as well their community's health outcomes through education and advocacy efforts. A variety of both acute and chronic diseases will be explored from a public health perspective.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES

EXPLORING LABORATORY MEDICINE

Short Name

Course Code

LABMED

077304

This class will explore the global range of career opportunities available in the clinical lab career field. Examination of legal and ethical issues will be covered throughout the class. Participants will have hands on practice with laboratory techniques, equipment, and record keeping relevant to medical, veterinary, dental, biotechnology, agricultural and food science and multiple other professions.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

NURSING ASSISTANT/CNA

Short Name

Course Code

NA/CNA

077400

This is a basic nursing knowledge and skills course for the nurse assistant in a health care setting. It meets the requirements of Public Law 100-203 OBRA and is approved by the Nebraska Department of Health. This course is required to be taught by a R.N. or B.S.N. in order for students to receive high school credit, arrangements need to be made to insure teaching certification. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES

MEDICATION AIDE

Short Name

Course Code

MEDAIDE

077401

A course of instruction in which an individual receives training in administering medications, this course has minimum requirement of 40 hours and students must be 18 yrs of age in order to sit for the written exam administered by the state board of Health and Human Services. This course must be taught by an R.N. licensed in QMA. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

EMERGENCY MEDICAL TECHNICIAN/CERT

Short Name

Course Code

EMT/CERT

077402

This course is designed and based on the Department of Transportation's National Highway Safety Administrations Emergency Medical Technician National Education Standards for teaching basic emergency medical care and transportation of critical and emergent patients who access the emergency medical system. This course focuses on the basic knowledge and skills necessary to provide care and transportation in an emergency situation providing the link between the emergency scene to the emergency health care system. Students learn to perform interventions with the basic equipment typically found on an ambulance.

This must be taught by a State licensed Emergency Medical Services - Instructor. Students must complete course and successfully complete the National Registry of Emergency Medical Technician's certification examination in order to apply for a State EMT license. Students must have reached the age of 18 in order to sit for the exam. A cooperating Nebraska endorsed teacher must collaborate with this course if the EMS instructor does not have a postsecondary dual-credit or a career education teaching permit. This course may be available for dual credit at a postsecondary institution.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grade 11

Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES

PHARMACY TECHNICIAN

<u>Short Name</u>	<u>Course Code</u>
PHARM TECH	077444

This course is an introduction to pharmacy technology professions. Employment opportunities and basic pre-pharmacy technician skills which may be utilized in either clinical and community settings such as retail, home health care and ambulatory care pharmacies. This course is recommended for students planning on pursuing careers which may require basic pharmaceutical knowledge, common health care mathematical applications and/or technical proficiency in the administration medications. After the completion of this course, students may be eligible to take the Pharmacy Technician Certification Exam (PTCE) through the Pharmacy Technician Certification Board (PTCB). This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Prerequisites for the course are Introduction to Health Sciences (077300) and Medical Terminology (077600).
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
HEALTH SCIENCES	0700
SCIENCE	1301

PHLEBOTOMY TECHNICIAN

<u>Short Name</u>	<u>Course Code</u>
PHL TECH	077446

This is a semester course designed to help the student become prepared for the phlebotomy technician certification exam upon completion of all required components. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES

INTRODUCTION TO SPORTS MEDICINE

Short Name

Course Code

SPORTS MED

077500

This course is designed for students who may be interested in a career in Sports Medicine. This course should feature the prevention, recognition, treatment, and rehabilitation of activities caused by physical activity or athletics. Topics may include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, medical terminology. Students may learn to measure cardio respiratory endurance, flexibility, body composition, and blood pressure. CPR/AED certification is a prerequisite for this course or a required outcome of the course. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 10-12
 Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

MEDICAL TERMINOLOGY

Short Name

Course Code

MED TERM

077600

This course is designed to help students learn medical language by analyzing their components. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES

EXERCISE SCIENCE

Short Name

Course Code

EXER SCI

077601

This course is appropriate for students wishing to pursue a career in personal training or for those who desire an introduction in the field of exercise science. The course will enable students to perform fitness assessments, according to current national guidelines and to use data to develop exercise and training routines, fitness plans and nutritional programs to fit the needs of clients. Successful completion of this course along with any other requirements may lead to a potential eligibility to take the Personal Trainer Exam through a certifying body. Leadership development activities of the career and technical student organization HOSA|Future Health Professionals is strongly encouraged. This course may be available for dual credit at a postsecondary institution. Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Prerequisites for this course are Introduction to Health Sciences (077300) and Anatomy/Physiology (130210).

Recommended Level: Grades 11 -12 Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

PERFORMANCE NUTRITION

Short Name

Course Code

SPORT NUTR

077701

This course is designed to give students an introduction to professional or support careers in the field of Performance and Sport Nutrition. This course includes instruction on the principles and science of basic nutrition; its relationship to individual health throughout the entire life cycle; how nutrients have an effect on personal health; how nutrients can both positively and negatively impact the human body before, during and after performance.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 130	Revised April 2019
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HEALTH SCIENCES

HUMAN LIFE CYCLE NUTRITION

Short Name

Course Code

HULICY NUT

077702

This course is designed to give students an understanding of human nutrition and how it plays a role in every human life cycle. Students will apply nutritional concepts to specific lifestyles requirements across the lifespan. Students will evaluate nutrition and wellness practices and suggest improvement plans based on current USDA recommendations and socioeconomic impacts on eating. In this course, students will assess career options and employment skills required to be in the food and nutrition industry.

Classroom and laboratory activities are supplemented through experiences and leadership programs and activities through Nebraska HOSA/Future Health Professionals and Nebraska FCCLA Career Student Organizations (CTSO's).

Recommended Level: Grades 10-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
HUMAN SERVICES	2910
SCIENCE	1301

HEALTH INFORMATION TECHNOLOGY

Short Name

Course Code

HIT

077800

Health Information Technology (HIT) is the management and use of information in Health Sciences related to, but not limited to, communications, legal & ethical implications, data management & organization, and technology applications. Completion of this course allows the student to obtain entry-level competencies defined by the American Health Information Management Association. These are nationally accepted standards of practitioner roles and function. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
INFORMATION TECHNOLOGY	2701

HEALTH SCIENCES

BEHAVIORAL HEALTH I

Short Name

Course Code

BEHAV HE I

077801

This is the first of two one a semester courses that establishes a foundation that is necessary to understand and investigate the field of Behavioral Health. Course emphasis is placed on teaching students to successfully investigate the Behavioral Health workforce structure and acquire awareness and knowledge of career area.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCES	0700
PSYCHOLOGY	1508
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

BEHAVIORAL HEALTH II

Short Name

Course Code

BEHAV HEII

077802

Student must have completed Behavioral Health I in order to take this course. Course establishes a foundation that is necessary to understand and investigate the field of Behavioral Health. Course emphasis is placed on teaching students to successfully investigate the Behavioral Health workforce structure and acquire awareness and knowledge of career area.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCES	0700
PSYCHOLOGY	1508
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

COURSE CODES AND CLEARING ENDORSEMENTS	Page 132	Revised April 2019
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HEALTH SCIENCES

PLTW PRINCIPLES OF BIOMEDICAL SCIENCE I

Short Name

Course Code

PLTW BMD I

077803

This is the first of two courses. Students must complete this course in order to take Biomedical Science II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 9-10
Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

PLTW PRINCIPLES OF BIOMEDICAL SCIENCE II

Short Name

Course Code

PLTW BMDII

077804

This is the second of two courses. Students must complete Biomedical Science I in order to take this class. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 9-10
Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 133	Revised April 2019
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HEALTH SCIENCES

PLTW HUMAN BODY SYSTEMS I

Short Name

Course Code

PLTW HBS I

077805

This is the first of two courses. Students must complete in order to take Human Body Systems II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 10-11
Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

PLTW HUMAN BODY SYSTEMS II

Short Name

Course Code

PLTW HBSII

077806

This is the second of two courses. Student must complete Human Body Systems I in order to take this course. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 10-11
Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES

PLTW MEDICAL INTERVENTIONS I

Short Name

Course Code

PLTW MI I

077807

This is the first of two courses. Students must take this course in order to take Medical Interventions II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 10-11
 Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

PLTW MEDICAL INTERVENTIONS II

Short Name

Course Code

PLTW MI II

077808

This is the second of two courses. Students must have taken Medical Interventions I in order to take this course. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 10-11
 Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES

PLTW BIOMEDICAL INNOVATION I

Short Name

Course Code

PLTW BMI I

077809

This is the first of two courses. Student must take this course in order to take Biomedical Innovation II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In this capstone course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gain from previous courses to design innovation solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grade 12
Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

PLTW BIOMEDICAL INNOVATION II

Short Name

Course Code

PLTW BMI II

077810

This is the second of two courses. Student must have taken Biomedical Innovation I in order to take this class. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In this capstone course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gain from previous courses to design innovation solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grade 12
Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 136	Revised April 2019
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HEALTH SCIENCES

HEALTH INFORMATION MANAGEMENT AND ETHICS

Short Name

Course Code

HE ITMA ET

077812

This course establishes a foundation that is necessary to understand and investigate the field of Health Information Management and Ethics. Legal relationships of physicians and patients, management of communications, contractual agreements, professional liability, malpractice, medical practice acts, and biotechnical issues will be covered with emphasis placed on legal terms, professional attitudes, and the principles of basic concepts of ethics involved in providing medical services.

This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization..

Recommended Level: Grades 10-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH SCIENCES	0700
SOCIAL SCIENCE	1501

ALLIED HEALTH AND MEDICINE

Short Name

Course Code

ALL HEALTH

077900

This class will give student practical application at a clinical site or simulated experience. These experiences can occur in a variety of locations included classroom/lab and availability of community resources as determined by the instructor. The experiences should be designed to enhance and supplement the students' knowledge and skill in allied health. The class also includes research for a professional career of interest documented by a professional portfolio.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES

HEALTH SCIENCES, OTHER

Short Name

Course Code

HS OTHER

077930

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES, OTHER

Short Name

Course Code

HS OTHER

077931

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES

HEALTH SCIENCES, OTHER

Short Name

Course Code

HS OTHER

077932

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES, OTHER

Short Name

Course Code

HS OTHER

077933

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES

HEALTH SCIENCES, OTHER

Short Name

Course Code

HS OTHER

077934

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCE	2908
HEALTH SCIENCES	0700
SCIENCE	1301

HOSPITALITY AND TOURISM

HOSPITALITY AND TOURISM

Short Name
HOSP TOUR

Course Code
370010

Hospitality and Tourism provides the student with an understanding of one of the largest industries in the world. Specific applications include the evolution of the industry, food and beverage, lodging, international and domestic travel, business operations, and hospitality and tourism career exploration.

Recommended Level: Grades 9-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSMR SCIENCE	0903
HOSPITALITY & TOURISM	2909

CULINARY SKILLS 1

Short Name
CULINARY1

Course Code
370021

This course is designed to provide students with curriculum which is focused on the foodservice industry and provides training in workplace and culinary skills, food safety and sanitation, interpersonal and communication skills, as well as an exposure to the areas of restaurant management and career exploration.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HOSPITALITY & TOURISM	2909

CULINARY SKILLS 2

Short Name
CULINARY2

Course Code
370022

This course is designed to provide students with an advanced curriculum which is focused on the foodservice industry and provides training in workplace and culinary skills, interpersonal and communication skills, as well as an exposure to the areas of restaurant management and career exploration. ServSafe Certification may be available at this level through the National Restaurant Association Educational Foundation.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HOSPITALITY & TOURISM	2909

HOSPITALITY AND TOURISM

PROSTART 1

<u>Short Name</u> PROSTART1	<u>Course Code</u> 370030
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This foundational course is an industry-driven curriculum delivered by the National Restaurant Association that prepares students for careers in the restaurant and foodservice management industry. This course will focus on the following topics: career paths, safety and sanitation, industry standards, food methods and techniques, food service management, and customer services.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12
 Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HOSPITALITY & TOURISM	2909

PROSTART 2

<u>Short Name</u> PROSTART2	<u>Course Code</u> 370031
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This course is designed to provide students with an industry-driven curriculum delivered by the National Restaurant Association providing real-life opportunities and the application of practical skills encompassing culinary techniques and management skills.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12
 Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HOSPITALITY & TOURISM	2909

HOSPITALITY AND TOURISM, OTHER

<u>Short Name</u> HOSPOTH	<u>Course Code</u> 379930
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Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12
 Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSMR SCIENCE	0903
HOSPITALITY & TOURISM	2909

HOSPITALITY AND TOURISM

HOSPITALITY AND TOURISM, OTHER

Short Name

Course Code

HOSPTOTH

379931

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSMR SCIENCE	0903
HOSPITALITY & TOURISM	2909

HOSPITALITY AND TOURISM, OTHER

Short Name

Course Code

HOSPTOTH

379932

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSMR SCIENCE	0903
HOSPITALITY & TOURISM	2909

HOSPITALITY AND TOURISM

HOSPITALITY AND TOURISM, OTHER

<u>Short Name</u>	<u>Course Code</u>
HOSPTOTH	379933

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSMR SCIENCE	0903
HOSPITALITY & TOURISM	2909

HOSPITALITY AND TOURISM, OTHER

<u>Short Name</u>	<u>Course Code</u>
HOSPTOTH	379934

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSMR SCIENCE	0903
HOSPITALITY & TOURISM	2909

HUMAN SERVICES/FACS

FAMILY AND CONSUMER SCIENCES 6

Short Name
FACS 6

Course Code
090005

This is a course designed with the introductory concepts of Family and Consumer Sciences in mind. Students will develop their knowledge of family living, decision making, nutrition, and consumer practices.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Middle/Junior High

Career Cluster: Human Sciences and Education/Family and Consumer Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/FAMILY & CONSUMER	1813

FAMILY AND CONSUMER SCIENCES 7

Short Name
FACS 7

Course Code
090006

This intermediate course is designed to extend learning of Family and Consumer Sciences concepts. Student will develop their knowledge of family living, decision making, nutrition and wellness, independent living, and consumer practices.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Middle/Junior High

Career Cluster: Human Sciences and Education/Family and Consumer Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/FAMILY & CONSUMER	1813

FAMILY AND CONSUMER SCIENCES 8

Short Name
FACS 8

Course Code
090007

This Family and Consumer Sciences advanced course will develop students' knowledge and skills in areas of relationships, family living, team work and conflict management, nutrition and wellness, consumer practices, and independent living.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Middle/Junior High

Career Cluster: Human Sciences and Education/Family and Consumer Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/FAMILY & CONSUMER	1813

HUMAN SERVICES/FACS

INTRODUCTION TO HUMAN SCIENCE/FACS

<u>Short Name</u>	<u>Course Code</u>
INT HUMAN	090101

This course is intended to enable students to have a broad scope of experiences that will provide an overview and fundamental knowledge and essential skills of Human Science with a foundation of, but not limited to family and consumer sciences. Students will explore career possibilities and develop a personal learning plan. Students will practice basic life and career readiness skills and learn to apply them to personal life situations.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level - Grades 9 -10

Career Cluster - Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903

TEXTILE CONSTRUCTION

<u>Short Name</u>	<u>Course Code</u>
TEXTILES	090103

This course provides instruction in social, psychological and historical aspects of clothing and textiles. Textile and apparel design, selection, construction, maintenance and alteration of textile products will be analyzed and taught. This course integrates knowledge, skills, and practices required for careers in textiles and scientific research.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
HUMAN SERVICES	2910

LIFE AND CAREER READINESS

<u>Short Name</u>	<u>Course Code</u>
L/C READI	090104

This course is designed to help students learn to manage issues in everyday living, prepare for personal life and career responsibilities and develop employability skills. Participation in this course provides a catalyst to greater self-awareness, enhanced relationships, improved cultural competencies and increased control over choosing direction for one's own life and career.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grade 9-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
HUMAN SERVICES	2910

HUMAN SERVICES/FACS

FUNDAMENTALS OF FOOD AND NUTRITION

<u>Short Name</u>	<u>Course Code</u>
NUTRI FOOD	090107

This course is designed to provide students with the base foundation knowledge of food selection and preparation needed to successfully fuel the human body through consumption of food and resulting food energy. With a beginning foundation of nutrition, students will learn basic preparation skills and the short-term and long-term wellness consequences as a result of nutritional intake, and exposure to careers related to the food industry.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HUMAN SERVICES	2910

HOME DESIGN AND INTERIORS

<u>Short Name</u>	<u>Course Code</u>
HOUSING	090109

This course provides instruction in the physical, physiological and social influences of housing styles and options; exterior and interior design; selection, use and care of home furnishings and equipment; use of available resources for achieving improved living space to meet individual and family needs; and exposure to careers related to housing and interior design.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HUMAN SERVICES	2910

FOOD SCIENCE

<u>Short Name</u>	<u>Course Code</u>
FOOD SCI	090113

Instruction which provides students with an understanding of the food science industry, food packaging/labeling, sensory evaluation of foods, marketing food products, constituents of foods, nutritive aspects of food constituents, operation of food industry, food microbiology, food processing and food science applications, and, exposure to careers related to food science.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and FFA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMILY/CONSMR SCIENCE	0903
HUMAN SERVICES	2910

HUMAN SERVICES/FACS

INTERPERSONAL RELATIONSHIPS

Short Name

Course Code

RELATION

090116

The course includes the study of interpersonal relationships and the effect of these relationships on the well-being of individuals, families, work and society. The course includes concepts such as effective communication, establishing and maintaining relationships, diverse family systems, characteristics of personal development and the impact of relationships on personal and career success.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

PARENTS AND FAMILIES

Short Name

Course Code

PARENTING

090117

Students will evaluate the effects of parenting roles and responsibilities on the well-being of individuals and families. In this course students will explain the following: influences on parenting, decisions to parent, support services for parents, positive actions to support the physical, emotional, intellectual, and social development of family members, parenting theories, and family adjustment to parenthood.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

HUMAN SERVICES

2910

CHILD DEVELOPMENT

Short Name

Course Code

CHILD DEV

090119

This course integrates knowledge, skills and practices necessary for nurturing the growth and development of children. The study of the physical, emotional, social, and intellectual aspects related to prenatal through age 12 will be studied in addition to the positive and negative factors that impact child growth and development.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

HUMAN SERVICES

2910

HUMAN SERVICES/FACS**EARLY CHILDHOOD EDUCATION AND SERVICES**Short NameCourse Code**EARLY CHD****090121**

In this course students will explore education and community resources available for the education and necessary services of young children. Students will be exposed to educational needs and resources as well as begin the development of lesson plans and lesson plan components for the education of young children as well as the career skills necessary for a career in early childhood education and services.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

EARLY CHILDHOOD PRACTICUMShort NameCourse Code**CHILD PRAC****090122**

This course is designed to provide students a hands-on early childhood education experience. Course time is used as an interactive learning environment in which students are actively teaching young children. Students will compile their information toward an employment portfolio.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

HUMAN GROWTH AND DEVELOPMENTShort NameCourse Code**HUMAN GROW****090123**

This course explores the physical, emotional, social, and intellectual development of individuals across the lifespan. External impacts on development including family structure and practices, social and technological forces, and resources available to individuals and their outcomes will be explored.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

HUMAN SERVICES/FACS

NUTRITION

Short Name

Course Code

NUTRITION

090124

In this course, students develop a deeper understanding of nutrition concepts including reading food labels, analyzing dieting practices including eating disorders, impacts on food consumption and food choices, as well as the role of government nutrition programs.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

DIETETICS

Short Name

Course Code

DIETETICS

090125

Students apply advanced nutritional concepts to specific lifestyle requirements including athletic nutritional needs and needs across the lifespan. Students will evaluate nutrition and wellness practices and suggest improvement plans based on current USDA recommendations and socioeconomic impacts on eating. In this course, students will assess career options and employment skills required to be in the food and nutrition industry.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

INTRODUCTION TO DESIGN PRINCIPLES

Short Name

Course Code

INT DESIGN

090126

Students explore the definition and application of elements and principles of design in both living spaces and clothing and textiles. In this course, students will also evaluate the use of elements and principles and suggest improvements. Students are also exposed to career opportunities and the skills necessary for these career fields.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

HUMAN SERVICES/FACS

FAMILIES IN CRISIS

Short Name

Course Code

FAM CRISIS

090127

In this course students identify positive and negative impacts on families including stress, changes in the family life cycle, grief and loss, and mental health disorders. Students will compare and contrast counseling services needed to support families and the types of services available to address conflict and abuse.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

CAREERS IN MENTAL HEALTH

Short Name

Course Code

CAREER MTL

090128

Students will explore the career skills and educational requirements of the variety of careers available that relate to counseling and mental health. Students will examine mental health services and resources in depth and may obtain Mental Health First Aid certification.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

FNS - FOOD PRODUCTION, NUTRITION AND HEALTH

Short Name

Course Code

FOOD PROD

090129

This is a project-based foundational course to introduce students to the size and scope of food production, nutrition and health, and the underlying principles. Students will define the food science industry, describe historical milestones, and analyze how the production, processing, distribution and marketing of food and food products influence consumer behavior and health. Students will apply knowledge about food products, nutrients and the chemical and physical properties of food to solve human nutrition and health problems. Upon completion of this course, students are prepared to enroll in either Food Science or Nutrition Science courses within this program of study in preparation for careers in those areas.

Recommended Level: Grades 10-12

Career Cluster: Human Services and Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

FAMILY/CONSMR SCIENCE

0903

HUMAN SERVICES/FACS

FNS - FOOD SCIENCE

<u>Short Name</u>	<u>Course Code</u>
FOOD SCI	090130

This is a project-based course focusing on preparing students for further education and careers in the Food Science industry. Students will investigate the production, processing, distribution, and marketing of food to consumers. Students will apply the science associated with food and food products to the selection, preservation, processing, packaging and distribution of safe and nutritious food. Students will explain the impacts of food on human health and nutrition.

This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 10-12
 Career Cluster: Human Services and Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMLY/CONSMR SCIENCE	0903

FNS - NUTRITION SCIENCE

<u>Short Name</u>	<u>Course Code</u>
NUTRI SCI	090131

This is a project-based course focusing on preparing students for further education and careers in the Nutrition Science industry. Students will understand the relationship between the body, nutrients, and health. Students will apply these understandings and the socioeconomic, cultural, and community influences on diet to develop dietary plans for a variety of lifestyles and human health concerns.

This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 10-12
 Career Cluster: Human Services and Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMLY/CONSMR SCIENCE	0903

FASHION DESIGN

<u>Short Name</u>	<u>Course Code</u>
FASHION	090206

Fashion Design explores the evolving field of the clothing we wear and why we wear it. Students will examine fashion design through historical and current frameworks, consider the process of a design from concept to consumer purchase, and identify key components of fashion pieces that distinguish it from others.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMLY/CONSMR SCIENCE	0903
HUMAN SERVICES	2910

HUMAN SERVICES/FACS

THE BUSINESS OF TEXTILES

Short Name

Course Code

AD TEXTILE

090207

This course will bring together the parts of knowledge that emphasizes the textiles and bio-fibers, textile production and issues concerning the global textile industry. Students will be required to demonstrate that they can combine concepts to build new ideas for new situations. This course is designed for students interested in careers in the areas but not limited to sales, research or management in the textile industry.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HUMAN SERVICES	2910

LEADERSHIP AND ETHICS IN HUMAN SERVICES

Short Name

Course Code

LEADER HS

090208

This course is designed to provide a background of leadership styles and information on the necessary leadership skills including collaboration, ethics and teamwork. The course is assessed with a real-life opportunity to demonstrate one's own leadership style through a practical, personal experience.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: 9-12 grade

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HUMAN SERVICES	2910

CONSUMER ECONOMICS

Short Name

Course Code

CONECON

090209

Study directly focuses on students learning the life readiness skills needed to evaluate and implement best management practices related to human, economic and environmental resources. This course of study includes personal and family financial literacy, consumer mathematics and life/work literacy that contribute to the overall wellness and functionality of today's individual.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HUMAN SERVICES	2910

HUMAN SERVICES/FACS

HUMAN SERVICES/FACS, OTHER

<u>Short Name</u>	<u>Course Code</u>
HSR OTH	099930

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HUMAN SERVICES	2910

HUMAN SERVICES/FACS, OTHER

<u>Short Name</u>	<u>Course Code</u>
HSR OTH	099931

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HUMAN SERVICES	2910

HUMAN SERVICES/FACS, OTHER

<u>Short Name</u>	<u>Course Code</u>
HSR OTH	099932

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HUMAN SERVICES	2910

HUMAN SERVICES/FACS**HUMAN SERVICES/FACS, OTHER**Short NameCourse Code**HSR OTH****099933**

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

HUMAN SERVICES

2910

HUMAN SERVICES/FACS, OTHERShort NameCourse Code**HSR OTH****099934**

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

HUMAN SERVICES

2910

LAW, PUBLIC SAFETY AND SECURITY
--

**FOUNDATIONS OF LAW, PUBLIC SAFETY, CORRECTIONS &
SECURITY**

<u>Short Name</u>	<u>Course Code</u>
LAW	390010

An exploration of the five pathways of this career cluster: correction services, emergency and fire management services, law enforcement services, legal services and security and protective services, including exposure to careers within all pathways.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
LAW,PUBLIC SAFETY & SECURITY	2912
OTHER ENDORSEMENT	8888

INTRODUCTION TO CRIMINAL JUSTICE

<u>Short Name</u>	<u>Course Code</u>
INCRIM JST	390015

An overview of the history, development and philosophies for crime control and the role of law enforcement within a democratic society. Topics would include an examination of the criminal justice system with an emphasis on the police, the courts (prosecution and defense) and the correctional agencies, and exposure to careers related to criminal justice.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
LAW,PUBLIC SAFETY & SECURITY	2912
OTHER ENDORSEMENT	8888

INTRODUCTION TO FIRE & EMERGENCY SERVICES

<u>Short Name</u>	<u>Course Code</u>
FIRE SERV	390020

An introduction to fire prevention and control including the chemistry of combustion, factors that influence fire and safety procedures. May also introduce students to the organization and regulations of fire departments, emergency medical procedures and fire investigation techniques.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
LAW,PUBLIC SAFETY & SECURITY	2912
OTHER ENDORSEMENT	8888

LAW, PUBLIC SAFETY AND SECURITY

COURTS & JUDICIAL PROCESS

Short Name

Course Code

COURTS

390025

Examines legal aspects of investigative and arrest as well as rule governing the admissibility of evidence in court. It focuses primarily on police and correctional due process, application of the law, and civil liability concerns. Topics include search and seizure, arrest and interrogation, revocation and probation and parole, probable cause and other timely issues.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
LAW,PUBLIC SAFETY & SECURITY	2912
OTHER ENDORSEMENT	8888

POLICE AND SOCIETY

Short Name

Course Code

POLICE

390026

This course examines the role of the police in relationship to law enforcement and American society. Topics include, but are not limited to the role and function of police, the nature of police organizations and police work, and the patterns of police-community relations.

Recommended Level: Grades 9-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
LAW,PUBLIC SAFETY & SECURITY	2912
OTHER ENDORSEMENT	8888

LAW, PUBLIC SAFETY AND SECURITY, OTHER

Short Name

Course Code

LPSS OTHER

399930

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
LAW,PUBLIC SAFETY & SECURITY	2912
OTHER ENDORSEMENT	8888

LAW, PUBLIC SAFETY AND SECURITY**LAW, PUBLIC SAFETY AND SECURITY, OTHER**Short NameCourse Code**LPSS OTHER****399931**

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
LAW,PUBLIC SAFETY & SECURITY	2912
OTHER ENDORSEMENT	8888

LAW, PUBLIC SAFETY AND SECURITY, OTHERShort NameCourse Code**LPSS OTHER****399932**

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
LAW,PUBLIC SAFETY & SECURITY	2912
OTHER ENDORSEMENT	8888

LAW, PUBLIC SAFETY AND SECURITY, OTHERShort NameCourse Code**LPSS OTHER****399933**

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
LAW,PUBLIC SAFETY & SECURITY	2912
OTHER ENDORSEMENT	8888

LAW, PUBLIC SAFETY AND SECURITY
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LAW, PUBLIC SAFETY AND SECURITY, OTHER	<u>Short Name</u> LPSS OTHER	<u>Course Code</u> 399934
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Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
LAW,PUBLIC SAFETY & SECURITY	2912
OTHER ENDORSEMENT	8888

COURSE CODES AND CLEARING ENDORSEMENTS	Page 159	Revised April 2019
---	---------------------	-----------------------------------

MATHEMATICS

ARITHMETIC

<u>Short Name</u>	<u>Course Code</u>
ARITHMETIC	110201

That group of elementary rules and principles giving the existing relationships between, and methods of computing with, numbers. Courses should be designed to develop the skills and habits associated with understanding the number processes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

PRE-ALGEBRA

<u>Short Name</u>	<u>Course Code</u>
ALGEBRAPRE	110299

This course includes the four basic operations and properties on the real numbers with emphasis on integers, solutions of one and two step equations, and creation of functional tables and graphing linear pairs.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

ALGEBRA, BEGINNING

<u>Short Name</u>	<u>Course Code</u>
ALGEBRA BE	110300

An organization of mathematics subject matter concerned primarily with introductory study of properties of number systems (real number, complex numbers). Topics studied include algebraic expressions and symbols, operations of reals (addition, multiplication, inverse operations), binomials, absolute values, proofs, and functions.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

COURSE CODES AND CLEARING ENDORSEMENTS	Page 160	Revised April 2019
---	---------------------	-----------------------------------

MATHEMATICS

ALGEBRA, ADVANCED

<u>Short Name</u>	<u>Course Code</u>
ALGEBRA AD	110306

An organization of mathematics subject matter concerned primarily with intermediate and advanced study of properties of number systems (real numbers, complex numbers). Topics studied include graphing in two and three dimensions, set notations, polynomials, exponential notation and operations with exponents, upper and lower bounds, continued sums, matrices, vectors, limits, continuous functions, complex number, combinations, and permutations.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

APPLIED MATHEMATICS I

<u>Short Name</u>	<u>Course Code</u>
APPLDMATHI	110501

This course includes concepts found in general mathematics and beginning algebra with emphasis on problems and lab experiences which have everyday relevance. Concepts include using ratio and proportion, powers and roots, and formulas to solve problems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

APPLIED MATHEMATICS II

<u>Short Name</u>	<u>Course Code</u>
APP MATHII	110502

This course includes concepts found in first-year algebra with emphasis on problems and lab experiences which have everyday relevance. Concepts include using linear and nonlinear equations, graphing, factoring, function, quadratics, systems of equations and inequalities to solve problems.

Upon prior completion of a year of appropriate beginning algebra concepts and upon completion of all algebra units in Applied Mathematics II, algebra credit can be given.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

COURSE CODES AND CLEARING ENDORSEMENTS	Page 161	Revised April 2019
---	---------------------	-----------------------------------

MATHEMATICS

APPLIED MATHEMATICS III

Short Name

Course Code

APPMATHIII

110503

This course includes concepts found in first year geometry with emphasis on exploring basic relationship through informal proofs and making conjectures by utilizing manipulatives, geometry tools and technology, and applying geometry to real world situations throughout the course. Concepts include the study of lines and angles, right triangle relationships, shapes in two and three dimensions, logic, coordinate geometry, transformations and spatial visualization.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

CALCULUS

Short Name

Course Code

CALCULUS

110600

The study of two fundamental limits, called the derivative and the integral, and their evaluation by means of a function of algebra called "the Calculus".

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

ADVANCED PLACEMENT CALCULUS AB

Short Name

Course Code

AP CALC AB

110620

The purpose of this course is to introduce students to the major concepts of Calculus which includes the analysis of graphs, limits of functions, derivatives, and integrals.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 162	Revised April 2019
---	---------------------	-----------------------------------

MATHEMATICS

ADVANCED PLACEMENT CALCULUS BC

Short Name
AP CALC BC

Course Code
110621

This course includes Calculus AB topics with the addition of parametric, polar and vector functions and their derivatives, applications of integrals, polynomial approximations and series.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

COLLEGE TECHNICAL MATHEMATICS

Short Name
COTECHMATH

Course Code
110622

This is a dual-credit course offered by Nebraska Community Colleges for students to develop math sciences required in career/technical fields. This course includes a review of arithmetic operations, exponents, algebraic operations and right triangle trigonometry with emphasis on placed applications.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

IB MATHEMATICAL STUDIES-STANDARD LEVEL

Short Name
IB MATH

Course Code
110623

IB Mathematical Studies-Standard Level focuses on important interconnected mathematical topics. Emphasis is placed on student understanding of fundamental concepts, mathematical reasoning, solving mathematical problems in a wide range of contexts, and using the calculator effectively. Students apply mathematical and statistical techniques. Topics include numbers and algebra; descriptive statistics; logic, sets and probability; statistical application; geometry and trigonometry; mathematical models; and introduction to different calculus. Students will also do an individual project.

International Baccalaureate Organization governs this course from the Diploma Programme. In order to teach IB programmes, the school is an authorized IB World School. <http://www.ibo.org/en/programmes/>

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 163	Revised April 2019
---	---------------------	-----------------------------------

MATHEMATICS

IB MATHEMATICS STANDARD LEVEL

Short Name

Course Code

IB MATH SL

110624

IB Mathematics standard level (SL) focuses on introducing important mathematical concepts and the development of mathematical techniques. Introducing these concepts in a comprehensible and coherent way, students apply knowledge to solve realistic problems in context. Topics include algebra; functions and trigonometry; vectors; statistics and probability; and calculus. Students do an individual investigation in an area of mathematics.

International Baccalaureate Organization governs this course from the Diploma Programme. In order to teach IB programmes, the school is an authorized IB World School. <http://www.ibo.org/en/programmes/>

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

IB FURTHER MATHEMATICS-HIGHER LEVEL

Short Name

Course Code

IB MATHFHL

110625

IB Further Mathematics Higher Level allows students, with a strong background in mathematics, to learn about various branches of mathematics in depth and to appreciate practical applications. Most students taking this course will study mathematics at college or as a major component in a related field. Course topics include linear algebra, geometry, statistics and probability, sets, relations and groups, calculus, and discrete mathematics.

International Baccalaureate Organization governs this course from the Diploma Programme. In order to teach IB programmes, the school is an authorized IB World School. <http://www.ibo.org/en/programmes/>

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

IB MATHEMATICS-HIGHER LEVEL

Short Name

Course Code

IB MATH HL

110627

IB Mathematics higher level develops students' insight into mathematical form and structure, and equips them to appreciate the links between concepts in different topic areas. Students are encouraged to develop the skills needed to continue their mathematical growth in other learning environments. The core topics of the class are algebra, functions and equations, circular functions and trigonometry, vectors, statistics and probability, and calculus. Students do an individual investigation in an area of mathematics.

International Baccalaureate Organization governs this course from the Diploma Programme. In order to teach IB programmes, the school is an authorized IB World School. <http://www.ibo.org/en/programmes/>

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 164	Revised April 2019
---	---------------------	-----------------------------------

MATHEMATICS

MATHEMATICS, GENERAL

<u>Short Name</u>	<u>Course Code</u>
GEN MATH	111100

A course that provides students a comprehensive review of basic mathematical skills. Students have opportunity to apply the math concepts to business, consumer and money management situations.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

GEOMETRY

<u>Short Name</u>	<u>Course Code</u>
GEOMETRY	111200

The branch of mathematics concerned with geometric figures in the plane and in space. Geometry emphasizes the use of logic in establishing proofs.

This code should also be used for geometry courses such as:

- Analytical
- Plane
- Plane and Solid
- Solid

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

PRE CALCULUS (INTRODUCTION TO ANALYSIS)

<u>Short Name</u>	<u>Course Code</u>
PRE CALC	111300

An integrated body of selected aspects of algebra, trigonometry and analytic geometry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 165	Revised April 2019
---	---------------------	-----------------------------------

MATHEMATICS

TRIGONOMETRY

Short Name

Course Code

TRIG

111600

The study of trigonometric ratios and circular functions.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

STATISTICS/PROBABILITY

Short Name

Course Code

STATISTICS

111700

The study of data analysis involving sampling, organization and interpretation of data. The study of probability through experimental and theoretical approaches.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

FINITE/DISCRETE MATHEMATICS

Short Name

Course Code

FINITE

111701

The topics included in the finite mathematics are linear programming, game theory, Markov processes and probability. The discrete mathematics would include topics like graph and networks, combinations and counting, Boolean algebra, Pascal's triangle, the pigeonhole principle and iterative methods for solving equations.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 166	Revised April 2019
---	---------------------	-----------------------------------

MATHEMATICS

ADVANCED PLACEMENT STATISTICS

Short Name

Course Code

AP STATS

111720

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

- * Exploring Data: Describing patterns and departures from patterns
- * Sampling and Experimentation: Planning and conducting a study
- * Anticipating Patterns: Exploring random phenomena using probability and simulation
- * Statistical Inference: Estimating population parameters and testing hypotheses

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.
Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

BUSINESS MATH

Short Name

Course Code

BUSNS MATH

111800

This course is designed to prepare students for various life roles by offering multiple opportunities to develop and use mathematical skills. Computational skills are essential for citizens, consumers, wage earners, employers, investors, and entrepreneurs. The objectives of this course are to improve computational skills and apply them to personal business situations. Areas of study include mathematical problems dealing with interest, percentages, loans, installment buying, insurance, savings and investments, depreciation, markup and markdown, payroll, taxes, real estate and retirement.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

MATHEMATICS-MIDDLE GRADES/JR HIGH I

Short Name

Course Code

MATH MG I

112800

This course includes experiences that include practice in numeration, computation, estimation, problem solving, geometry/special concepts and measurement. It introduces algebraic and statistical concepts and provides opportunities for students to develop understanding of the structure of mathematics.

Use this code for the first course in mathematics at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

COURSE CODES AND CLEARING ENDORSEMENTS	Page 167	Revised April 2019
---	---------------------	-----------------------------------

MATHEMATICS

MATHEMATICS-MIDDLE GRADES/JR HIGH II	<u>Short Name</u> MATH MG II	<u>Course Code</u> 112801
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This course provides experiences that include practice in numeration, computation, estimation, problem solving, geometry/special concepts and measurement. It introduces algebraic and statistical concepts and provides opportunities for students to develop understanding of the structure of mathematics.

Use this code for the second course in mathematics at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

MATHEMATICS-MIDDLE GRADES/JR HIGH III	<u>Short Name</u> MATH MGIII	<u>Course Code</u> 112802
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This course provides experiences that include practice in numeration, computation, estimation, problem solving, geometry/special concepts and measurement. It introduces algebraic and statistical concepts and provides opportunities for students to develop understanding of the structure of mathematics.

Use this code for the third course in mathematics at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

MATH, OTHER	<u>Short Name</u> MATH OTHER	<u>Course Code</u> 119930
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Mathematics courses not listed or classified under the above codes.

Using codes 119930 through 119934 means you can add five "other" courses by using one code for each one of the five courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

MATHEMATICS

MATH, OTHER

<u>Short Name</u>	<u>Course Code</u>
MATH OTHER	119931

Mathematics courses not listed or classified under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

MATH, OTHER

<u>Short Name</u>	<u>Course Code</u>
MATH OTHER	119932

Mathematics courses not listed or classified under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

MATH, OTHER

<u>Short Name</u>	<u>Course Code</u>
MATH OTHER	119933

Mathematics courses not listed or classified under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

MATHEMATICS

MATH, OTHER

Short Name
MATH OTHER

Course Code
119934

Mathematics courses not listed or classified under the above codes.

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

PERSONAL DEVELOPMENT

ADOLESCENT DEVELOPMENT

<u>Short Name</u>	<u>Course Code</u>
ADOLE DEV	260200

A course which focuses on helping adolescents better understand the aspects (social, emotional, physical, intellectual) of their own developmental stage. Topics such as self-concept; building self-esteem, establishing and maintaining positive relationships and communications with peers and adults; and assuming responsibility and independence would be included. The Skills for Adolescence/Quest program is one example of this course. If the course is focused more specifically towards the disciplines of family and consumer sciences, health, or social science, it should be included in the other category for that discipline.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
Other Endorsement	8888

STUDY SKILLS

<u>Short Name</u>	<u>Course Code</u>
STUDYSKILL	260300

Learning experiences which develop skills necessary to locate, interpret, understand and use information. Topics included are such reading skills as surveying, skimming, scanning and SQ3R. Additionally, alphabetizing, summarizing, paraphrasing, outlining, note-taking and test-taking skills may be included, as may library, research, and time management skills.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
Other Endorsement	8888

LIBRARY MEDIA SKILLS

<u>Short Name</u>	<u>Course Code</u>
LIBR SKILL	260400

Course designed to provide students with information and basic skills in using the resources of library media centers to locate, evaluate, and retrieve information. May include instruction in safe, efficient, and proper use of the Internet.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SCHOOL LIBRARIAN	2508

COURSE CODES AND CLEARING ENDORSEMENTS	Page 171	Revised April 2019
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PERSONAL HEALTH & PHYSICAL FITNESS

HEALTH I

Short Name

Course Code

HEALTH I

080100

Learning activities concerning health to achieve desirable knowledge, understanding, attitudes and practices related to personal, family and community health issues.

This code should also be used for such courses as:

- First Aid
- HIV/AIDS Education
- Drug Education
- Other Health

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

HEALTH II

Short Name

Course Code

HEALTH II

080101

An advanced course with current health trends and issues as its central focus, with direction to:

- a) Consumer Health/Protection
- b) Family Life Education
- c) Health Planning
- d) Health Careers
- e) Health Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801

PERSONAL HEALTH & PHYSICAL FITNESS

HEALTH, SPECIALIZED	<u>Short Name</u> HEALTHSPEC	<u>Course Code</u> 080105
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A specialized course with healthful living as its central focus primarily directed to:

- a) a safe and healthful school environment
- b) world health issues past, present, future
- c) the role of nutrition, exercise, and stress management to total physical well being.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
MIDDLE GR/HEALTH & PE	1815

FAMILY HEALTH	<u>Short Name</u> FAM HEALTH	<u>Course Code</u> 080106
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Instruction related to establishing and maintaining a lifestyle which promotes personal fitness, family health and related consumer skills. May include an examination of all aspects of health (physical, social, emotional and mental), nutrition and fitness (including weight control), substance use and abuse, home safety, and family life education (including death and dying).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/HEALTH & PE	1815

COURSE CODES AND CLEARING ENDORSEMENTS	Page 173	Revised April 2019
---	---------------------	-----------------------------------

PERSONAL HEALTH & PHYSICAL FITNESS

FOUNDATIONS FOR PHYSICAL EDUCATION AND FITNESS

Short Name
PE HS

Course Code
080107

This course will introduce students to the foundations of physical fitness and equip them with the knowledge and skills necessary to design a fitness program. This includes: (1) assessing their personal fitness levels; (2) creating a plan for improvement; (3) setting physical activity and fitness goals; (4) participating in a variety of physical activities (e.g. weight training, aerobics, individual and team sports, and swimming); and (5) using current technology, (e.g. activity trackers, heart rate monitors, pedometers, and computerized fitness assessment programs).

This course is recommended in grades 9 and 10 as a prerequisite for all other physical education courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

BEGINNING SWIMMING

Short Name
BEG SWIM

Course Code
080108

This course is designed for the beginner/non-swimmer and includes survival skills, basic drown proofing techniques, stroke introduction, and aquatic activities.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

COURSE CODES AND CLEARING ENDORSEMENTS	Page 174	Revised April 2019
---	---------------------	-----------------------------------

PERSONAL HEALTH & PHYSICAL FITNESS

INTERMEDIATE SWIMMING	<u>Short Name</u> INT SWIM	<u>Course Code</u> 080109
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This course is designed for the intermediate swimmer and includes basic swimming strokes, water safety skills, and other aquatic activities.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

FITNESS SWIMMING & AQUATIC ACTIVITIES	<u>Short Name</u> AD AQUATIC	<u>Course Code</u> 080110
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This course is designed for the advanced swimmer and includes the benefits of fitness swimming and its impact on lifetime health. Students will learn advanced techniques and fitness concepts to integrate into individualized aquatic fitness programs.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
PHYSICAL EDUCATION	0802

COURSE CODES AND CLEARING ENDORSEMENTS	Page 175	Revised April 2019
---	---------------------	-----------------------------------

PERSONAL HEALTH & PHYSICAL FITNESS

INTRODUCTION TO STRENGTH & CONDITIONING

Short Name

Course Code

INTRO S&C

080111

This course is designed for the beginning weight training student and focuses on the development of knowledge and skills utilizing free weights or resistance machines. It includes proper lifting techniques, spotting methods, weight room safety, and workout routines.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

INTERMEDIATE STRENGTH & CONDITIONING

Short Name

Course Code

INTER S&C

080112

This course is designed for the intermediate weight training student. It builds on Introduction to Strength and Conditioning by applying basic strength principles and concepts of proper lifting techniques, spotting methods, weight room safety, and workout routines to the intermediate weight training student. The principles of training (progression, overload, specificity, regularity and individuality) are incorporated into this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

COURSE CODES AND CLEARING ENDORSEMENTS	Page 176	Revised April 2019
---	---------------------	-----------------------------------

PERSONAL HEALTH & PHYSICAL FITNESS

ADVANCED STRENGTH & CONDITIONING

Short Name

Course Code

ADV S&C

080113

This course is designed for the advanced weight training student. It includes advanced lifting techniques and conditioning programs that students will design and integrate into their own individualized strength programs.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

AEROBIC TRAINING

Short Name

Course Code

AEROBIC

080114

This course is designed to introduce students to the skills necessary to perform cardiovascular activities, flexibility and muscular endurance exercises. Students will participate in a wide variety of aerobic activities including (but not limited to) resistance training, cross fit exercises, low-impact aerobic training, and flexibility exercises and activities.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

PERSONAL HEALTH & PHYSICAL FITNESS**ADVANCED AEROBIC TRAINING**Short Name**AD AEROBIC**Course Code**080115**

This course is designed to build on Aerobic Training. Students will participate in a wide variety of aerobic activities and resistance training activities while developing an understanding of the variance between high impact and low impact exercises.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

INTRODUCTION TO DANCEShort Name**INTRODANCE**Course Code**080116**

This course is designed to provide students opportunities to develop skills and knowledge in a variety of dance forms. Students will participate in dance-related activities as ways to learn about and through dance.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

PERSONAL HEALTH & PHYSICAL FITNESS

HIP-HOP DANCE

Short Name

Course Code

HH DANCE

080117

This course is designed to provide students opportunities to develop skills and knowledge in hip-hop dance. Students will participate in a variety of dance styles, including breaking, locking, and popping, performed to hip-hop music.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

BALLROOM DANCE

Short Name

Course Code

BALLROOM

080118

This course is designed to provide students opportunities to develop skills and knowledge in ballroom dance. Students will participate in social dances performed in more formal settings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

PERSONAL HEALTH & PHYSICAL FITNESS

DANCE PERFORMANCE

Short Name
DANCE PERF

Course Code
080119

This course is designed to provide students opportunities to develop skills and knowledge in dance choreography. Students will learn combinations to improve their strength and body awareness, while focusing greater attention toward accuracy and timing of steps.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

LIFETIME ACTIVITIES

Short Name
LIFE ACTIV

Course Code
080120

This course includes basic skills, knowledge and strategies of lifetime activities that contribute to a healthy, active adult lifestyle. Students will participate in a variety of lone, duo, and group lifetime activities.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

PERSONAL HEALTH & PHYSICAL FITNESS

TEAM GAMES

<u>Short Name</u>	<u>Course Code</u>
TEAM GAMES	080121

This course is designed to teach a variety of rules, skills, fundamentals, and strategies in multiple team activities. The content will promote a healthy, active lifestyle while emphasizing safety, sportsmanship, and teamwork.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

OUTDOOR PURSUITS

<u>Short Name</u>	<u>Course Code</u>
OUTDOOR	080122

This course will provide knowledge and skills in a variety of outdoor activities. The content is designed to promote a healthy, active lifestyle in the outdoors while emphasizing safety techniques, teamwork, communication skills, problem-solving skills, physical challenge, and adventure.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

COURSE CODES AND CLEARING ENDORSEMENTS	Page 181	Revised April 2019
---	---------------------	-----------------------------------

PERSONAL HEALTH & PHYSICAL FITNESS

LIFEGUARD TRAINING & WATER SAFETY INSTRUCTION AIDE	<u>Short Name</u> LIFEGUARD	<u>Course Code</u> 080123
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This course is based on American Red Cross Lifeguarding requirements. Provides entry-level participants the knowledge and skills to prevent, recognize and respond to aquatic emergencies and to provide care for breathing and cardiac emergencies, injuries and sudden illnesses until EMS personnel take over.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

SPORT OFFICIATING	<u>Short Name</u> SPORT OFF	<u>Course Code</u> 080124
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This course is designed to offer students the coursework and experience to officiate in a variety of major sports including, but not limited to, basketball, football, volleyball, baseball/softball, and soccer.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

COURSE CODES AND CLEARING ENDORSEMENTS	Page 182	Revised April 2019
---	---------------------	-----------------------------------

PERSONAL HEALTH & PHYSICAL FITNESS

PHYSICAL EDUCATION ELEMENTARY

Short Name

Course Code

PE ELEM

080125

This course is designed to provide students with opportunities to demonstrate competence in fundamental motor skills and selected combinations of skills; use basic movement concepts in rhythmic activities, tumbling and small-sided practice tasks; identify basic health-related fitness concepts; exhibit acceptance of self and others in physical activities; and identify the benefits of a physically active lifestyle.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

PHYSICAL EDUCATION MIDDLE SCHOOL

Short Name

Course Code

PE MS

080126

This course is designed to provide students with opportunities to apply tactics and strategies to modified game play, demonstrate fundamental motor skills in a variety of contexts, design and implement a health-enhancing fitness program, participate in self-selected physical activity, cooperate with and encourage classmates, accept individual differences and demonstrate inclusive behaviors, and engage in physical activity for enjoyment and self-expression.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

PERSONAL HEALTH & PHYSICAL FITNESS

ADAPTIVE PHYSICAL EDUCATION

<u>Short Name</u>	<u>Course Code</u>
PHYSED AD	080127

Adapted physical education is for individuals with exceptional needs who require development or corrective instruction and who are precluded from participation in the activities of the general physical education program. The program is based on comprehensive assessments and is focused on providing the learner with the skills necessary for a lifetime of rich leisure, recreation, dance, and sport experiences to enhance physical fitness and wellness.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ADAPTED PHYS ED	0805
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

PHYSICAL EDUCATION, OTHER

<u>Short Name</u>	<u>Course Code</u>
PHYSED OTH	089930

A specialized course which focuses on a specific set of skills such as:
Scuba Diving, Ballet, Trap Shooting, Taekwondo

Using codes 089930 through 089932 means you can add three "other" courses by using one code for each one of the three courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

PERSONAL HEALTH & PHYSICAL FITNESS

PHYSICAL EDUCATION, OTHER

<u>Short Name</u>	<u>Course Code</u>
PHYSED OTH	089931

A specialized course which focuses on a specific set of skills such as:
Scuba Diving, Ballet, Trap Shooting, Taekwondo

Using codes 089930 through 089932 means you can add three "other" courses by using one code for each one of the three courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

PHYSICAL EDUCATION, OTHER

<u>Short Name</u>	<u>Course Code</u>
PHYSED OTH	089932

A specialized course which focuses on a specific set of skills such as:
Scuba Diving, Ballet, Trap Shooting, Taekwondo

Using codes 089930 through 089932 means you can add three "other" courses by using one code for each one of the three courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

COURSE CODES AND CLEARING ENDORSEMENTS	Page 185	Revised April 2019
---	---------------------	-----------------------------------

SCIENCE

BIOLOGY

Short Name

Course Code

BIOLOGY

130201

The study of the cell, molecular basis of heredity, biological evolution, interdependence of organisms, matter, energy and organization in living systems, and behavior of organisms. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

BIOLOGY-ADVANCED STUDIES

Short Name

Course Code

BIOLOGYADV

130202

A continuation of the topics and concepts of Biology, with Biology as a prerequisite. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

ENVIRONMENTAL SCIENCE

Short Name

Course Code

ENV SCI

130203

Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

SCIENCE

AP ENVIRONMENTAL SCIENCE

Short Name

Course Code

AP ENV SCI

130204

AP Environmental Science courses are designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

ENERGY AND ENVIRONMENT

Short Name

Course Code

ENERGY/ENV

130205

Energy and the Environment courses expose students to the scientific principles associated with energy transformation, collection, extraction, transmission and storage. Course content may emphasize energy's significance in society and the effects of its use on the environment. Topics may include the distribution, availability, patterns of use, and environmental impacts of energy resources.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

ANATOMY and PHYSIOLOGY

Short Name

Course Code

ANAT/PHYS

130210

The branch of Biology that relates to the structure and relationship between body parts and the relationship between the function of body parts and the body as a whole.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

SCIENCE

IB BIOLOGY

Short Name

Course Code

IB BIOLOGY

130211

IB Biology courses prepare students to take the International Baccalaureate Biology exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Biology promotes understanding of the facts, principles, and concepts underlying the biological field; critical analysis, evaluation, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of biology and scientific advances in biology upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes study of living organisms from the cellular level through functioning entities within the biosphere. Laboratory experimentation is an essential component of these courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

BOTANY

Short Name

Course Code

BOTANY

130212

Botany courses provide students with an understanding of plants and their relationship to the environment. Topics of exploration may include: life cycles, taxonomy, plant genetics, plant physiology, and ecology.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

GENETICS

Short Name

Course Code

GENETICS

130213

Courses in genetics provide students with an understanding of general concepts concerning genes, heredity, and variation of organisms. Course topics typically include chromosomes, the structure of DNA and RNA molecules, and dominant and recessive inheritance. Additional topics may include: lethal alleles, epistasis and hypostasis, and polygenic inheritance.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

SCIENCE

MICROBIOLOGY

Short Name

Course Code

MICRO BIOL

130214

Microbiology courses provide students with a general understanding of microbes, prokaryotic, and eukaryotic cells. Topics of exploration may include classification of microorganisms; cellular structure and function; metabolic diversity; microbial genetics; control of microbial growth; microbial ecology, biotechnology and applied microbiology; and host-microbe interactions. Additional topics may include the impact microorganisms have on health, agriculture, biotechnology and the environment.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

ZOOLOGY

Short Name

Course Code

ZOOLOGY

130215

Zoology courses provide students with an understanding of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationships to other organisms. These courses should also help students develop an awareness and understanding of biotic communities.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

CONCEPTUAL BIOLOGY

Short Name

Course Code

CNCPT BIOL

130216

These courses provide students with a basic understanding of living things. Topics covered may include ecology and environmental problems such as overpopulation and pollution as well as cells, types of organisms, evolutionary behavior, and inheritance.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 189	Revised April 2019
---	---------------------	-----------------------------------

SCIENCE

PARTICULAR TOPICS IN BIOLOGY

<u>Short Name</u>	<u>Course Code</u>
TOPIC BIOL	130217

Particular Topics in Biology courses concentrate on a particular subtopic within the field of biology (such as virology, cell biology, human genetics, and so on) that is not otherwise described within this classification system.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

BIOLOGY - OTHER

<u>Short Name</u>	<u>Course Code</u>
BIOL OTHER	130218

Biology courses not otherwise listed or classified.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

SCIENCE**PHYSICAL SCIENCE**Short NameCourse Code**PHYSIC SCI****130300**

Study of the major topics, concepts, processes and interrelationship of basic chemistry and physics. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

CHEMISTRYShort NameCourse Code**CHEM****130301**

The study of the structure of atoms, structure and properties of matter, and chemical reactions. Student should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

SCIENCE

CHEMISTRY-ADVANCED STUDIES

Short Name

Course Code

CHEM ADV

130302

A continuation of topics covered in Chemistry, with Chemistry as a prerequisite. Topics explored may include: organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

PHYSICS

Short Name

Course Code

PHYSICS

130303

The study of motions and forces, conservation of energy and increase in disorder, and interactions of energy and matter. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

PRINCIPLES OF TECHNOLOGY I (SCIENCE)

Short Name

Course Code

PRTEC SCI

130304

Principles of Technology (Science) is an applied physics course designed to prepare students more effectively for technical careers. This course includes instruction and application of principles of physics such as force transformers, power, energy, resistance, rate, work, force, momentum, waves and vibrations, energy convertors, transducers, radiating optical systems, and time certificate with clear constants. Application of the principles is conducted in a laboratory setting which demonstrates the use of these principles by workers in technical occupations.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

SCIENCE

PRINCIPLES OF TECHNOLOGY II (SCIENCE)

Short Name

Course Code

PRTEC SCII

130306

A continuation of the topics and concepts in Principles of Technology I, with Principles of Technology I as a prerequisite.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

PHYSICS-ADVANCED STUDIES

Short Name

Course Code

PHYS ADV

130307

Usually taken after a comprehensive initial study of physics, Physics-Advanced Studies courses provide instruction in laws of conservation, thermodynamics, and kinetics; wave and particle phenomena; electromagnetic fields; and fluid dynamics.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

IB CHEMISTRY

Short Name

Course Code

IB CHEM

130308

IB Chemistry courses prepare students to take the International Baccalaureate Chemistry exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Chemistry promotes understanding of the facts, patterns, and principles underlying the field of chemistry; critical analysis, evaluation, prediction, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of chemistry and scientific advances in chemistry upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes the study of the materials of the environment, their properties, and their interaction. Laboratory experimentation is an essential part of these courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

SCIENCE

CONCEPTUAL CHEMISTRY

Short Name
CNCPT CHEM

Course Code
130309

Conceptual Chemistry courses are practical, non-quantitative chemistry courses designed for students who desire an understanding of chemical concepts and applications.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

PARTICULAR TOPICS IN CHEMISTRY

Short Name
PTOP CHEM

Course Code
130310

Particular Topics in Chemistry courses concentrate on a particular subtopic within the field of chemistry (such as chromatography and spectrometry) that is not otherwise described in this classification system.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

CHEMISTRY - OTHER

Short Name
CHEM OTHER

Course Code
130311

Chemistry courses not otherwise listed or classifiable.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

SCIENCE

ASTRONOMY

Short Name

Course Code

ASTRON

130312

Astronomy courses introduce students to the basic laws of motion and gravity, the concepts of modern astronomy, and the methods scientists use to explore the universe. Additional topics of exploration may include: the solar system, the sun and stars, the Milky Way and other galaxies, and origins of the universe.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARTH AND SPACE SCIENCE

1305

SCIENCE

1301

EARTH AND SPACE SCIENCE

Short Name

Course Code

ES SCIENCE

130313

Earth and Space Science courses introduce student to the study of the earth from a local and global perspective. Common topics of exploration include: time zones, latitude and longitude, atmosphere, geosphere, weather, climate, and matter and energy transfer.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARTH AND SPACE SCIENCE

1305

SCIENCE

1301

PARTICULAR TOPICS IN EARTH SCIENCE

Short Name

Course Code

PTOP ESCI

130314

Particular Topics in Earth Science courses concentrate on a particular subtopic within the field of earth science (such as meteorology, natural disasters, physical geology, and others) that is not otherwise described in this course code system.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARTH AND SPACE SCIENCE

1305

SCIENCE

1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 195	Revised April 2019
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SCIENCE

EARTH SCIENCE - OTHER

<u>Short Name</u>	<u>Course Code</u>
ESCI OTHER	130315

Earth Science courses not otherwise listed or classified.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARTH AND SPACE SCIENCE	1305
SCIENCE	1301

MARINE SCIENCE

<u>Short Name</u>	<u>Course Code</u>
MARINE SCI	130316

Marine Science courses focus on the content, features, and possibilities of the earth's oceans. They explore marine organisms, conditions, and ecology. Additional topics may include: marine mining, farming, and exploration.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
EARTH AND SPACE SCIENCE	1305
SCIENCE	1301

SCIENCE**FORENSIC SCIENCE**Short NameCourse Code**FORENSIC****130317**

Forensic Science courses incorporate Biology, Chemistry, Physics, Earth Science disciplines and the process of science to the study of crimes. Topics of exploration may include: processing a crime scene, collecting and preserving evidence, physical evidence, organic and inorganic analysis of evidence, trace evidence, toxicology, arson and explosion investigations, serology, DNA, fingerprints, firearms, and document analysis.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
PHYSICS	1308
SCIENCE	1301

GEOSCIENCEShort NameCourse Code**GEO SCI****130415**

The study of energy in the earth systems, geochemical cycles, and origin and evolution of the earth system and universe. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

SCIENCE

IB PHYSICS

Short Name

Course Code

IB PHYSICS

130416

IB Physics courses prepare students to take the International Baccalaureate Physics exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Physics promotes understanding of the facts, patterns, and principles underlying the field of physics; critical analysis, prediction, and application of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of scientific advances in physics upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes the study of the fundamental laws of nature and the interaction between concepts of matter, fields, waves, and energy. Laboratory experimentation is essential; calculus may be used in some courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

CONCEPTUAL PHYSICS

Short Name

Course Code

CNCPT PHYS

130417

Conceptual Physics courses introduce students to the use of chemicals, characteristic properties of materials, and simple mechanics to better describe the world and nonliving matter. The courses emphasize precise measurements and descriptive analysis of experimental results. Topics covered may include energy and motion, electricity, magnetism, heat, the structure of matter, and how matter reacts to materials and forces.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

PARTICULAR TOPICS IN PHYSICS

Short Name

Course Code

PTOPIC PHY

130418

Particular Topics in Physics courses concentrate on a particular subtopic within the field of physics (such as optics, thermodynamics, quantum physics, and so on) that is not otherwise described in this course code system.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 198	Revised April 2019
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SCIENCE

PHYSICS - OTHER

<u>Short Name</u>	<u>Course Code</u>
PHYS OTHER	130419

Physic courses not otherwise listed or classified.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

PHYSICAL SCIENCE - INTEGRATED

<u>Short Name</u>	<u>Course Code</u>
PSCI INTEG	130420

The content of Integrated Science--Physical Science allows students to continue to develop their understanding of the core ideas in the physical, life, and earth and space sciences learned in middle school. These ideas include the most fundamental concepts from chemistry, physics, biology, and Earth and space science and are intended to leave room for expanded study in upper-level high school courses. Content is age-appropriate and conforms to existing state standards for high school education.

Use this code for one of three integrated courses in science at the high school level.

Recommended Level: Grades 9-11

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

SCIENCE

APPLIED BIOLOGY/CHEMISTRY

Short Name

Course Code

APPL BCHEM

130421

Applied Biology/Chemistry courses integrate biology and chemistry into a unified domain of study and present the resulting body of knowledge in the context of work, home, society, and the environment, emphasizing field and laboratory activities. Topics include natural resources, water, air and other gases, nutrition, disease and wellness, plant growth and reproduction, life processes, microorganisms, synthetic materials, waste and waste management, and the community of life.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

BIOLOGY - INTEGRATED

Short Name

Course Code

BIO INTEG

130422

The content of Integrated Science--Biology allows students to continue to develop their understanding of the core ideas in the physical, life, and earth and space sciences with a focus on biology and closely related Earth science concepts. The content is intended to leave room for expanded study in upper-level high school courses. Content is age-appropriate and conforms to existing state standards for high school education.

Use this code for one of three integrated courses in science at the high school level.

Recommended Level: Grades 9-11

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
PHYSICS	1308
SCIENCE	1301

SCIENCE

CHEMISTRY - INTEGRATED

Short Name
CHEM INTEG

Course Code
130423

The content of Integrated Science--Chemistry allows students to fully develop their understanding of the core ideas in the physical, life, and Earth and space sciences. These ideas include the more complex concepts from chemistry, physics, biology, and Earth and space science but are intended to leave room for expanded study in advanced high school courses. Content is age-appropriate and conforms to existing state standards for high school education.

Use this code for one of three integrated courses in science at the high school level.

Recommended Level: Grades 9-11

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
PHYSICS	1308
SCIENCE	1301

INDEPENDENT STUDY

Short Name
IND STUDY

Course Code
130424

Independent Study courses, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in conjunction with other rigorous science courses or may serve as an opportunity for students to explore a topic of special interest.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
PHYSICS	1308
SCIENCE	1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 201	Revised April 2019
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SCIENCE

SCIENCE-MIDDLE GRADES/JR HIGH I

Short Name

Course Code

SCI MG I

130801

The study of topics from the biological, physical, and earth sciences. Learning experiences involve students in observing, exploring, discovering and experimenting for purposes of achieving understanding of how scientists work and what they know about the universe.

Use this code for the first course in science at the middle grades/junior high level.

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

SCIENCE-MIDDLE GRADES/JR HIGH II

Short Name

Course Code

SCI MG II

130802

The study of topics from the biological, physical, and earth sciences. Learning experiences involve students in observing, exploring, discovering and experimenting for purposes of achieving understanding of how scientists work and what they know about the universe.

Use this code for the second course in science at the middle grades/junior high level.

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 202	Revised April 2019
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SCIENCE

SCIENCE-MIDDLE GRADES/JR HIGH III

Short Name

Course Code

SCI MG III

130803

The study of topics from the biological, physical, and earth sciences. Learning experiences involve students in observing, exploring, discovering and experimenting for purposes of achieving understanding of how scientists work and what they know about the universe.

Use this code for the third course in science at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

ADVANCED PLACEMENT BIOLOGY

Short Name

Course Code

AP BIOLOGY

135000

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. AP Biology should include those topics regularly covered in a college biology course for majors. The college course in biology differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the type of laboratory work done by students, and the time and effort required of students. The textbooks used for AP Biology should be those used by the college biology majors. The kinds of labs done by AP students must be the equivalent of those done by college students. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

SCIENCE

ADVANCED PLACEMENT CHEMISTRY

Short Name

Course Code

AP CHEM

135010

The AP Chemistry course should be the equivalent of the general chemistry course usually taken during the first college year. Students should attain understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course should develop the students' abilities to think clearly and express their ideas, orally & in writing, with clarity & logic. The college course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of lab work done. Quantitative differences appear in the number of topics treated, the time spent on the course, and the nature and the variety of experiments done in the lab. Secondary schools that wish to offer an AP Chemistry course must be prepared to provide a lab experience equivalent to a typical college course.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

ADVANCED PLACEMENT PHYSICS 1: ALGEBRA-BASED

Short Name

Course Code

APPHYSICS1

135021

This course is an introductory college level, algebra-based, physics course and provides the foundation for future coursework in physics. Subjects such as Newtonian mechanics, (including rotational motion); work, energy and power; and other areas are covered. Instruction is based upon the Six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries. Twenty five percent of the instructional time is spent in a lab doing inquiry based investigations.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SCIENCE	1301

ADVANCED PLACEMENT PHYSICS 2: ALGEBRA-BASED

Short Name

Course Code

APPHYSICS2

135022

This college level course explores additional upper level topics in physics, through inquiry based learning. The topics include but are not limited to fluid statics and dynamics; thermodynamics with kinetic theory, PV diagrams and probability; electrostatics; electric circuits with capacitors; magnetic fields; electromagnetism; quantum, atomic and nuclear physics. Twenty five percent of the instructional time is based in a lab with an emphasis on inquiry based investigations.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SCIENCE	1301

SCIENCE

**ADVANCED PLACEMENT PHYSICS C: ELECTRICITY AND
MAGNETISM**

Short Name
APPHYSICEM

Course Code
135023

Physics C courses compare to a second-year physics courses in college, and have laboratory experiences roughly equivalent to an introductory college course. Guided inquiry and student-centered learning foster the development of critical thinking skills. This course uses introductory differential and integral calculus throughout. Physics C: Electricity and Magnetism provides instruction in the following content: electrostatics; conductors, capacitors, dielectrics; electric circuits; magnetic fields; and electromagnetism.

AP College Board governs this course, and individual teachers submit their syllabus and course materials for approval from College Board prior to offering the course. Topic definitions are on College Board's website: www.collegeboard.com

Student may obtain college credit by sending their AP® transcript to the credit awarding institution. Each institution has their own credit policies.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

ADVANCED PLACEMENT PHYSICS C: MECHANICS

Short Name
AP PHYMECH

Course Code
135024

AP Physics C course is comparable to a second-year physics course and must have laboratory experiences roughly equivalent to an introductory college course. Guided inquiry and student-centered learning foster the development of critical thinking skills. This course uses introductory differential and integral calculus throughout. Physics C: Mechanics provides instruction in the following six content areas: kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation.

AP College Board governs this course and individual teachers submit their syllabus and course materials for approval from College Board prior to offering the course. Topics definitions are on College Board's website: www.collegeboard.com

Student may obtain college credit by sending their AP® transcript to the credit awarding institution. Each institution has their own credit policies.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

METEOROLOGY

Short Name
METEOR

Course Code
135025

Meteorology courses examine the properties of the earth's atmosphere. Topics usually include atmospheric layering, changing pressures, winds, water vapor, air masses, fronts, temperature changes and weather forecasting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARTH AND SPACE SCIENCE	1305
SCIENCE	1301

SCIENCE**SCIENCE, OTHER**Short NameCourse Code**SCI OTHER****139930**

Science courses not otherwise listed or classifiable.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 206	Revised April 2019
---	---------------------	-----------------------------------

SKILLED AND TECHNICAL SCIENCES

INTRODUCTION TO SKILLED AND TECHNICAL SCIENCES

Short Name

Course Code

INTROSTS

100100

This course provides the skills and technical knowledge for a beginning student in areas of industry, safety, material, equipment and process understanding. The student will develop awareness of the basics in the skilled and technical sciences areas.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction, Energy and Engineering, Manufacturing, and Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

CONSTRUCTION TRADES 1

Short Name

Course Code

CONSTR 1

100110

This course provides an overview of the construction materials, tools and processes.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

COURSE CODES AND CLEARING ENDORSEMENTS	Page 207	Revised April 2019
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SKILLED AND TECHNICAL SCIENCES

CONSTRUCTION TRADES 2

Short Name

Course Code

CONSTR 2

100120

This course is designed for the student pursuing a career as a construction professional and combines technical skills with planning and management to prepare the student for all stages of a project.

Recommended Level: Grades 11-12

Career Cluster: Architecture and Construction

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

DRAFTING AND DESIGN

Short Name

Course Code

DRFT DSGN

100130

This course builds the skills necessary to understand what is being communicated through drawings and documents, and in turn, convey ideas, duties, and tasks to others in a form representing the industry. Students will use and follow industry specific verbal and visual skills to accomplish workplace/jobsite communications. Students will review traditional project phases and various roles within them to plan for and implement phases within a project. Students will develop preliminary drawings that will be used in design and manufacturing. Computer-aided drafting/design (CADD) may be used.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

COURSE CODES AND CLEARING ENDORSEMENTS	Page 208	Revised April 2019
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SKILLED AND TECHNICAL SCIENCES

ARCHITECTURAL DESIGN 1

Short Name

Course Code

ARCHDSGN 1

100140

This course provides students with an introduction into Computer-Aided-Drafting (CAD) and the foundation for architectural design.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

ARCHITECTURAL DESIGN 2

Short Name

Course Code

ARCHDSGN 2

100141

This course allows students to create working drawings for residential construction and systems that meet industry standards and codes.

Recommended Level: Grades 11-12

Career Cluster: Architecture and Construction

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCES

PLTW PRINCIPLES OF ENGINEERING

Short Name
PLTW P/ENG

Course Code
100160

Principles of Engineering (POE) is a Project Lead The Way survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students have the opportunity to investigate engineering and high tech career. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

PLTW INTRODUCTION TO ENGINEERING DESIGN

Short Name
PLTW ENG

Course Code
100161

This course encourages students to use a problem-solving model to improve existing products and invent new ones. They learn how to apply this model to solve any problems, even outside of the classroom. Students use sophisticated three-dimension modeling software to communicate the details of these products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

COURSE CODES AND CLEARING ENDORSEMENTS	Page 210	Revised April 2019
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SKILLED AND TECHNICAL SCIENCES

PLTW CIVIL ENGINEERING AND ARCHITECTURE

<u>Short Name</u>	<u>Course Code</u>
PLTW CIVIL	100162

Civil Engineering and Architecture is a Project Lead The Way course that includes the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 10-12
 Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

PLTW ENGINEERING DESIGN AND DEVELOPMENT

<u>Short Name</u>	<u>Course Code</u>
PLTW ENG D	100163

Engineering Design and Development (EDD) is the capstone course in in the Project Lead The Way high school engineering program. It is an engineering research course in which students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: 10-12
 Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
EARTH AND SPACE SCIENCE	1305
MANUFACTURING	2913
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCES

PLTW AEROSPACE ENGINEERING

Short Name
PLTW AERO

Course Code
100164

Aerospace Engineering (AE) is a Project Lead The Way course that includes the study of the engineering discipline which develops new technologies for use in aviation, defense systems, and space exploration. The course explores the evolution of flight, flight fundamentals, navigation and control, aerospace materials, propulsion, space travel, orbital mechanics, ergonomics, remotely operated systems and related careers. In addition the course presents alternative applications for aerospace engineering concepts.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 10-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

PLTW BIOTECHNICAL ENGINEERING

Short Name
PLTW BIO

Course Code
100165

Biotechnical Engineering (BE) is a Project Lead The Way course designed to expose students to the diverse fields of biotechnology including biomedical engineering, biomolecular genetics, bioprocess engineering, and agricultural and environmental engineering. Lessons engage students in engineering design problems that can be accomplished in a high school setting related to biomechanics, cardiovascular engineering, genetic engineering, agricultural biotechnology tissue engineering, biomedical devices, human interface, bioprocesses, forensics, and bio-ethics. Students in this course will apply biological and engineering concepts to design materials and processes that directly measure, repair, improve, and extending living systems.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 11-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
BIOLOGY	1303
MANUFACTURING	2913
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCES

INTRODUCTION TO ELECTRONICS

Short Name

Course Code

INT ELECT

100401

Electronics – Comprehensive courses provide a survey of the theory, terminology, equipment, and practical experience in the skills needed for careers in the electronic field as well as typically cover the theory of electricity. Course topics may include AC, DC, analog, and integrated circuitry and solid state and digital devices, amplifiers, and semiconductors. Skills covered involve the repair, maintenance, and building of electronic equipment such as radios, television sets, and industrial equipment.

Recommended Level: Grades 10-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL, SKILL SPEC	1700
TRANSPORT, DISTRIBUTE & LOGISTICS	2916

ADVANCED ELECTRONICS

Short Name

Course Code

ADV ELECT

100402

Advanced electronics theory and application. Circuitry diagnostics and the application and design of circuits using the principals of analog and digital electronics will be used.

Recommended Level: Grades 10-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL, SKILL SPEC	1700

SKILLED AND TECHNICAL SCIENCES

PLTW DIGITAL ELECTRONICS

Short Name

Course Code

PLTW DIG

100403

Digital Electronics (DE) is a Project Lead The Way course designed for the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discrete voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, high definition televisions, etc. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 10-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL, SKILL SPEC	1700
TRANSPORT, DISTRIBUTE & LOGISTICS	2916

ELECTRICITY

Short Name

Course Code

ELECTRIC

100405

Comprehensive courses provide an overview of the theory, terminology, tools, and practical experience in the skills needed for a career in the electrical field. This course typically includes circuitry, safety, and the National Electrical Code. This course covers skills that are involved in building circuits, wiring residential, and commercial and/or industrial buildings. Installing lighting, power circuits, cables and estimating job costs may be included.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL, SKILL SPEC	1700
TRANSPORT, DISTRIBUTE & LOGISTICS	2916

COURSE CODES AND CLEARING ENDORSEMENTS	Page 214	Revised April 2019
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SKILLED AND TECHNICAL SCIENCES

FUNDAMENTALS OF ENERGY

<u>Short Name</u>	<u>Course Code</u>
FUNDENERGY	100406

This introductory course will focus on the various types, principles and distribution of energy and energy systems.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL, SKILL SPEC	1700
TRANSPORT, DISTRIBUTE & LOGISTICS	2916

PHYSICS AND MATHEMATICS OF ENERGY

<u>Short Name</u>	<u>Course Code</u>
PHYMATHENG	100407

This course is an in-depth study of energy and its applications.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL, SKILL SPEC	1700
TRANSPORT, DISTRIBUTE & LOGISTICS	2916

COURSE CODES AND CLEARING ENDORSEMENTS	Page 215	Revised April 2019
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SKILLED AND TECHNICAL SCIENCES

SUSTAINABLE ENERGY	<u>Short Name</u> SUSENERGY	<u>Course Code</u> 100408
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This course will focus on energy sources and alternative forms of energy and their uses.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL, SKILL SPEC	1700
TRANSPORT, DISTRIBUTE & LOGISTICS	2916

EXPLORING SKILLED AND TECHNICAL SCIENCE - 6TH GRADE	<u>Short Name</u> EXPLSTS6	<u>Course Code</u> 100706
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In this course students will explore fundamentals in Skilled and Technical Sciences at the 6th grade level.

Course Standards : (Please list)

Student will understand and accurately apply measurement.

Students will know and model safe lab procedures and techniques.

Students will be introduced to technical communications.

Students will experience skills needed to complete a project.

Student will explore career opportunities.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
MIDDLE GR/INDUSTRIAL TECH	1816
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL, SKILL SPEC	1700
TRANSPORT, DISTRIBUTE & LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCES

EXPLORING SKILLED AND TECHNICAL SCIENCE - 7TH GRADE

Short Name
EXPLSTS7

Course Code
100707

In this course students will explore fundamentals in Skilled and Technical Sciences at the 7th grade level.

Course Standards : (Please list)

- Student will understand and accurately apply measurement.
- Students will know and model safe lab procedures and techniques.
- Students will be introduced to technical communications.
- Students will experience skills needed to complete a project.
- Student will explore career opportunities.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
MIDDLE GR/INDUSTRIAL TECH	1816
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

EXPLORING SKILLED AND TECHNICAL SCIENCE - 8TH GRADE

Short Name
EXPLSTS8

Course Code
100708

In this course students will explore fundamentals in Skilled and Technical Sciences at the 8th grade level.

Course Standards : (Please list)

- Student will understand and accurately apply measurement.
- Students will know and model safe lab procedures and techniques.
- Students will be introduced to technical communications.
- Students will recognize material types and properties.
- Students will demonstrate material processing.
- Students will select tools for the correct operation.
- Student will explore career opportunities.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
MIDDLE GR/INDUSTRIAL TECH	1816
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCES

MANUFACTURING PROCESS - METALS

<u>Short Name</u>	<u>Course Code</u>
MANPROCMTL	101400

Students will be introduced to the basic manufacturing process in metal manufacturing.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

MANUFACTURING PRODUCTION - METALS

<u>Short Name</u>	<u>Course Code</u>
MANPRODMTL	101401

Students will utilize tools and equipment to produce parts and projects within specifications using metal.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

ADVANCED MANUFACTURING & FABRICATION - METALS

<u>Short Name</u>	<u>Course Code</u>
ADVMANMTL	101402

Students will use advanced tools and equipment (CNC) to produce parts and projects to industry standards and specifications.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
T&I METALS	1704

SKILLED AND TECHNICAL SCIENCES

TRANSPORTATION 1

Short Name

Course Code

TRANS 1

101600

This course will provide students with basic knowledge and skills of the tools and systems needed to be a TDL technician.

Recommended Level: Grades 9-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

INTRODUCTION TO TDL

Short Name

Course Code

INTROTDL

101601

This course will introduce students to the basics in the area of distribution and logistics and how the supply chain of products, materials, etc. operate.

Recommended Level: Grades 9-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCES

DISTRIBUTION AND LOGISTICS

Short Name

Course Code

DIST/LOG

101610

Distribution and Logistics is a study of the acquisition, storage, use, packaging, transportation and distribution of materials and products. Topics covered include: product receiving and storage, order processing, packaging, shipping, inventory control, quality control, tracking operations, and material handling safety.

Recommended Level: Grades 9-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL, SKILL SPEC	1700
TRANSPORT, DISTRIBUTE & LOGISTICS	2916

TRANSPORTATION 2

Short Name

Course Code

TRANS 2

101620

This course will expand on the basic concepts and systems needed by the TDL technician. It will focus on service and maintenance of automobiles and mobile equipment.

Recommended Level: Grades 10-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL, SKILL SPEC	1700
TRANSPORT, DISTRIBUTE & LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCES

TRANSPORTATION 3

Short Name

Course Code

TRANS 3

101630

This course focuses on the diagnosis, service and repair of the automobile and mobile equipment.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

COLLISION REPAIR

Short Name

Course Code

COLLREPAIR

101640

This course exposes students to the knowledge and skills needed to be a collision repair and refinishing technician.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCES

BUSINESS LOGISTICS

Short Name

Course Code

BUSLOG

101650

Distribution and Logistics is a study of the acquisition, storage, use, packaging, transportation and distribution of materials and products. Topics covered include: management of materials and physical distribution; transportation choices, regulation and rates; traffic management; product storage, warehousing, handling and packaging; inventory management; acquisition and production scheduling; order entry and processing; logistics systems design and operation; and international logistics.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
BUSINESS, MARKETING, INFO TECH	0304
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL, SKILL SPEC	1700
TRANSPORT, DISTRIBUTE & LOGISTICS	2916

INTRODUCTION TO AIRCRAFT AND ROCKETRY

Short Name

Course Code

INTROAIR

101700

This course will serve as an introduction to history, function, design, and principles of flight and rocketry. Students will learn the history of manned flight and space exploration. They will research, design, build, and flight test airframes and rockets. Students will do a hands-on study of the history and future of the aerospace industry.

Recommended Level: Grades 9-10

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000

SKILLED AND TECHNICAL SCIENCES

INTRODUCTION TO AVIATION AND AEROSPACE

Short Name

Course Code

INTROAV

101701

The course engages students in an inquiry-based, problem-solving approach to investigate and understand the science of aeronautics and aerodynamics. The activities are designed to encourage teamwork and participation among the students. The course also provides a broad understanding of the three types of aviation: commercial, military, and general aviation.

Recommended Level: Grades 10-11

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

SKILLED & TECHNICAL SCIENCES

1000

HISTORY OF AVIATION

Short Name

Course Code

HISTOFAV

101702

This course explores the historical development of aviation and aerospace on a global and national scale. The class focuses on the key individuals, their achievements and overall contribution to the science of aeronautics and aircraft; including the technologies and key events that have unfolded since the dawn of flight.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HISTORY

1505

SKILLED & TECHNICAL SCIENCES

1000

SOCIAL SCIENCE

1501

AVIATION SAFETY

Short Name

Course Code

AVSAFE

101703

This course provides the student with a detailed introduction to aspects of aviation safety as well as the associated components of flight in regards to human factors, aircraft technology, weather related accidents, and aeronautical accident investigation. The student will develop an understanding of the issues relating to aviation safety including the regulatory framework, aeronautical decision making, safety data analysis, nature of accidents, safety management, human factors, air traffic technology, aircraft technology, the accident investigation process, and apply these to current issues facing the civil, military, and commercial aviation industry.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

SKILLED & TECHNICAL SCIENCES

1000

SKILLED AND TECHNICAL SCIENCES**INTRODUCTION TO POWERED FLIGHT**Short NameCourse Code**INTOPFLT****101704**

The successful completion of this course will prepare the student to take and pass the Federal Aviation Administration's (FAA) Private Pilot Written Exam which is a requirement to fulfill in obtaining a Private Pilot Certificate. This course will introduce the student to a variety of subject matters ranging in, but not limited to, Basic Aerodynamics, Aircraft Systems, Flight Instrument applications, Federal Aviation Regulations, Meteorology, Aerial Navigation, Airport Operations and Procedures, In-route Flight Planning, and applications of Determining Aircraft Performance Parameters for safe flight.

Recommended Level: Grade 12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

SKILLED & TECHNICAL SCIENCES

1000

INTRODUCTION TO MECHATRONICSShort NameCourse Code**INTERMECH****101900**

This course prepares students for careers in manufacturing and for postsecondary education. The main focus is a core structure study in hydraulics, pneumatics, electrical, material testing, sensors, electric and pneumatic robot operations and an introduction to programmable logic controllers.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

ARCHITECTURE & CONSTRUCTION

2902

MANUFACTURING

2913

SKILLED & TECHNICAL SCIENCES

1000

SKILLED & TECHNICAL, SKILL SPEC

1700

TRANSPORT, DISTRIBUTE & LOGISTICS

2916

SKILLED AND TECHNICAL SCIENCES

PLTW COMPUTER INTEGRATED MANUFACTURING

Short Name

Course Code

PLTW MFG

101901

Computer Integrated Manufacturing (CIM) is a Project Lead The Way course designed to study manufacturing planning, integration and implementation of automation. The course explores manufacturing history. Individual processes, systems, and careers. In addition to technical concepts, the course incorporates finance, ethics, and engineering design. This reflects an integrated approach that leading manufacturers have adopted to improve safety, quality and efficiently.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

MANUFACTURING PROCESSES - WOODS

Short Name

Course Code

MANPROCWD

101920

Students will be introduced to the basic manufacturing process in wood manufacturing.

Recommended Level: Grades 9-11

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

SKILLED AND TECHNICAL SCIENCES

MANUFACTURING PRODUCTION - WOODS

Short Name
MANPRODWD

Course Code
101921

Students will utilize tools and equipment to produce parts and projects within specifications using wood.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

ADVANCED MANUFACTURING & FABRICATION - WOODS

Short Name
ADVMANWD

Course Code
101922

Students will use advanced tools and equipment (CNC) to produce parts and projects to industry standards and specifications.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

WELDING 1

Short Name
WELD 1

Course Code
101930

Students will be introduced to the basic manufacturing process in welding manufacturing.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

SKILLED AND TECHNICAL SCIENCES

WELDING 2

Short Name

Course Code

WELD 2

101940

This course is a continuation of learning the knowledge and skills of the welding industry.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

WELDING 3

Short Name

Course Code

WELD 3

101941

Students will produce projects and welds to specifications and work towards welding certifications.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
T&I METALS	1704

SKILLED AND TECHNICAL SCIENCES

MANUFACTURING PROCESSES - PLASTICS

<u>Short Name</u>	<u>Course Code</u>
MANPROCPL	101950

Students will be introduced to the basic manufacturing process in plastics manufacturing.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

MANUFACTURING PRODUCTION - PLASTICS

<u>Short Name</u>	<u>Course Code</u>
MANPRODPL	101951

Students will utilize tools and equipment to produce parts and projects within specifications using plastics.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

ADVANCED MANUFACTURING & FABRICATION - PLASTICS

<u>Short Name</u>	<u>Course Code</u>
ADVMANPLST	101952

Students will use advanced tools and equipment (CNC) to produce parts and projects to industry standards and specifications.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

SKILLED AND TECHNICAL SCIENCES

ENGINEERING DESIGN AND SYSTEMS THINKING

Short Name
ENGDSNTHK

Course Code
103191

This course gives students the opportunity to develop skills and understanding of engineering concepts.

Recommended Level: Grades 9-10

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

ENGINEERING PROBLEM SOLVING

Short Name
ENGPROBSLV

Course Code
103192

This course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

COURSE CODES AND CLEARING ENDORSEMENTS	Page 229	Revised April 2019
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SKILLED AND TECHNICAL SCIENCES

SYSTEMS ENGINEERING AND PROJECT MANAGEMENT

Short Name

Course Code

SYSENGPRJT

103193

This is an engineering research course in which students will design and develop an original solution to a valid open-ended technical problem by applying the engineering design process.

Recommended Level: Grades 11-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

ROBOTICS

Short Name

Course Code

ROBOTICS

103194

Introduction of Robotics (IR) is designed to explore the current and future use of automation technology in industry and everyday use. Students will receive a comprehensive overview of robotic systems and the subsystems that comprise them while engaging with a robotics platform. This course is designed for students who have an interest in Energy and Engineering (CEENEG) robotics applications.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCES

ADVANCED ROBOTICS

Short Name

Course Code

ADV ROBOT

103195

Advanced Robotics is designed to be a continuation of the Robotics course and provide a capstone experience in a sequence of courses dealing with the current and future use of automation technology in industry. Students will continue the study and exploration of robotic systems and the subsystems that comprise them while engaging with a robotics platform. This course is designed for students who have an interest in Engineering and Manufacturing.

Recommended Level: Grades 11-12

Career Cluster: Energy and Engineering

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

SKILLED AND TECHNICAL SCIENCE, OTHER

Short Name

Course Code

STSOTHER

109930

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCES

SKILLED AND TECHNICAL SCIENCE, OTHER

Short Name

Course Code

STSOTHER

109931

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCE, OTHER

Short Name

Course Code

STSOTHER

109932

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCES

SKILLED AND TECHNICAL SCIENCE, OTHER

Short Name

Course Code

STSOTHER

109933

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

SKILLED AND TECHNICAL SCIENCE, OTHER

Short Name

Course Code

STSOTHER

109934

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ARCHITECTURE & CONSTRUCTION	2902
MANUFACTURING	2913
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
TRANSPORT,DISTRIBUTE&LOGISTICS	2916

COURSE CODES AND CLEARING ENDORSEMENTS	Page 233	Revised April 2019
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SOCIAL SCIENCE/SOCIAL STUDIES

SOCIAL STUDIES-MIDDLE GRADES/JR HIGH I	<u>Short Name</u> SOC MG I	<u>Course Code</u> 150011
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The study of curriculum and experiences from one or all of the following: history, geography, economics, citizenship, government, cultural studies, and current events.

Use this code for the first course in Social Studies at the middle grades/junior high.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

SOCIAL STUDIES-MIDDLE GRADES/JR HIGH II	<u>Short Name</u> SOC MG II	<u>Course Code</u> 150012
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The study of curriculum and experiences from one or all of the following: history, geography, economics, citizenship, government, cultural studies, and current events.

Use this code for the second course in Social Studies at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 234	Revised April 2019
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SOCIAL SCIENCE/SOCIAL STUDIES

SOCIAL STUDIES-MIDDLE GRADES/JR HIGH III

Short Name

Course Code

SOC MG III

150013

The study of curriculum and experiences from one or all of the following; history, geography, economics, citizenship, government, cultural studies, and current events.

Use this code for the third course in Social Studies at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

ANTHROPOLOGY

Short Name

Course Code

ANTHROPOL

150100

The study of people and their worlds in which attention is focused on the relations between people and their culture in the past and present and their ongoing cultural development, and the varieties of human, social and cultural forms.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
HISTORY	1505
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 235	Revised April 2019
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SOCIAL SCIENCE/SOCIAL STUDIES

CULTURAL/ETHNIC STUDIES

Short Name

Course Code

CULT/ETH

150104

The study of the cultural development and relationships between or among ethnic groups and their impact on the larger culture.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
HISTORY	1505
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

GEOGRAPHY

Short Name

Course Code

GEOGRAPHY

150700

The study of spatial relations and processes on the earth's surface studied on a variety of scales ranging from local to world-wide.

This code should also be used for such geography courses as:

- Human
- Physical
- World
- North America
- South America
- Nebraska
- Other

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 236	Revised April 2019
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SOCIAL SCIENCE/SOCIAL STUDIES

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Short Name

Course Code

AP HGEOG

150750

AP Human Geography is equivalent to an introductory college-level course in human geography. Students learn to study systematic patterns and process that have shaped human understanding, use, and alteration of Earth's surface. Students study geography; population and migration; cultural patterns and processes; political organization; agriculture, food production, and rural land use; industrialization and economic development; and cities and urban land use.

AP College Board governs this course and individual teachers submit their syllabus and course materials for approval from College Board prior to offering the course. Topics definitions are on College Board's website: www.collegeboard.com

Student may obtain college credit by sending their AP® transcript to the credit awarding institution. Each institution has their own credit policies.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
GEOGRAPHY	1504
HISTORY	1505
SOCIAL SCIENCE	1501

WORLD HISTORY

Short Name

Course Code

WORLD HIST

150800

The study of the history of events, individuals, groups, institutions, artifacts, ideas and other phenomena associated with the entire world. The course typically includes a historical overview of political, military, scientific, and social developments. The course should also include historical analysis, comprehension and research skills.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 237	Revised April 2019
---	---------------------	-----------------------------------

SOCIAL SCIENCE/SOCIAL STUDIES

ADVANCED PLACEMENT WORLD HISTORY

<u>Short Name</u>	<u>Course Code</u>
AP HISTW	150805

The purpose of AP World History course is to develop greater understanding of the evolution of global processes and contracts in different types of human societies.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

ADVANCED PLACEMENT EUROPEAN HISTORY

<u>Short Name</u>	<u>Course Code</u>
AP HISTEU	150806

The purpose of AP European History since 1450 is to introduce students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

NEBRASKA HISTORY

<u>Short Name</u>	<u>Course Code</u>
NEBR HIST	150810

The study of the history of events, individuals, groups, institutions, artifacts, ideas and other phenomena associated with Nebraska.

This code should also be used for such courses as:
Great Plains History

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 238	Revised April 2019
---	---------------------	-----------------------------------

SOCIAL SCIENCE/SOCIAL STUDIES

AMERICAN HISTORY

Short Name

Course Code

AMER HIST

150820

The study of the history of events, individual groups, institutions, artifacts, ideas and other phenomena associated with the United States. The course typically includes a historical overview of political, military, scientific, and social developments. The course should also include historical analysis, comprehension and research skills.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

ADVANCED PLACEMENT US HISTORY

Short Name

Course Code

AP HIST US

150830

The purpose of the AP program in United States History is to provide students with the analytical skills and enduring understandings necessary to deal critically with the problems and materials in United State History.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

SOCIAL SCIENCE/SOCIAL STUDIES

HUMANITIES

Short Name

Course Code

HUMANITIES

150900

The advanced study of a group of related subjects such as literature, art, music, religion, history, philosophy, and classical and modern languages, with aspects of social science/social studies forming the core; concerned with individual cultural achievements and values in society.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
ENGLISH	0501
HISTORY	1505
MUSIC	1201
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501

ECONOMICS

Short Name

Course Code

ECONOMICS

151000

Economics is a course designed to help students make decisions and understand economic principles as applied to current events and issues. Emphasis includes allocation of resources, economic systems, economic institutions and incentives, markets and prices, market structures, productivity, role of government, global economic concepts, and economic indicators.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
SOCIAL SCIENCE	1501

SOCIAL SCIENCE/SOCIAL STUDIES

POLITICAL SCIENCE

Short Name
POLISCIENC

Course Code
151100

The study of governments and political behavior.

This code could also be used for such courses as:

- Comparative Governments
- Political Parties and Public Opinion
- Other

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

MODERN PROBLEMS

Short Name
MOD PROBS

Course Code
151103

An advanced course dealing with the analysis of economic, social, political, cultural, and other issues which influence the economic, social, political, and cultural change and development of modern societies, specifically American society.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 241	Revised April 2019
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SOCIAL SCIENCE/SOCIAL STUDIES

AMERICAN GOVERNMENT

Short Name

Course Code

AMER GVNMT

151110

This course provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. The course examines how people govern themselves at the national, state and local level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

**ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND
POLITICS**

Short Name

Course Code

AP US GOV

151113

AP United States Government and Politics is equivalent to an introductory college-level course. It gives students an analytical perspective of government and politics in the United States. Students learn to interpret and analyze government and politics through the various institutions, groups, beliefs, and ideas that constitute the United States. Topics include: the Constitution, political beliefs and behaviors, political parties, interest groups, and mass media, institutions of national government, public policy, civil rights and civil liberties,

AP College Board governs this course and individual teachers submit their syllabus and course materials for approval from College Board prior to offering the course. Topics definitions are on College Board's website: www.collegeboard.com

Student may obtain college credit by sending their AP® transcript to the credit awarding institution. Each institution has their own credit policies.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 242	Revised April 2019
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SOCIAL SCIENCE/SOCIAL STUDIES

CIVICS

Short Name

Course Code

CIVICS

151114

Courses which develop understanding and attitudes that encourage people to participate in civic affairs and to understand their rights and responsibilities as citizens.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

**ADVANCED PLACEMENT COMPARITIVE GOVERNMENT AND
POLITICS**

Short Name

Course Code

AP COM GP

151115

AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. A comparison approach assists in both identifying problems, and analyzing policymaking. Included topics for comparison: political systems, policy implementation and effectiveness; political institutions and practices; economic well-being; and political leaders. Six countries will form the core of these comparisons: China, Great Britain, Iran, Mexico, Nigeria, and Russia.

AP College Board governs this course and individual teachers submit their syllabus and course materials for approval from College Board prior to offering the course. Topics definitions are on College Board's website: www.collegeboard.com

Student may obtain college credit by sending their AP® transcript to the credit awarding institution. Each institution has their own credit policies.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 243	Revised April 2019
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SOCIAL SCIENCE/SOCIAL STUDIES

INTERNATIONAL RELATIONS

<u>Short Name</u>	<u>Course Code</u>
INTL RELAT	151120

The study of agencies, operations and principles involved in communication and interaction among nations, with emphasis typically given to relations among governments.

This code should also be used for such courses as:
 Global Studies
 Global Conflict

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

PSYCHOLOGY

<u>Short Name</u>	<u>Course Code</u>
PSYCHOLOGY	151200

The study of human behavior and mental processes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PSYCHOLOGY	1508
SCHOOL COUNSELOR	2501
SOCIAL SCIENCE	1501

SOCIAL SCIENCE/SOCIAL STUDIES

ADVANCED PLACEMENT PSYCHOLOGY

<u>Short Name</u>	<u>Course Code</u>
AP PSYCHOL	151210

The purpose of AP Psychology course is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PSYCHOLOGY	1508
SOCIAL SCIENCE	1501

SOCIOLOGY

<u>Short Name</u>	<u>Course Code</u>
SOCIOLOGY	151300

The study of the structure, functions, and various forms of human society.

Recommended Level: Grades 10-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

RELIGION I

<u>Short Name</u>	<u>Course Code</u>
RELIGION I	151301

The investigation of religious beliefs and statements; the study of religious organizations and churches and their functions in society. Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01.

This code should be used for such courses as:
Philosophy of Religion

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
RELIGIOUS EDUCATION	1506

SOCIAL SCIENCE/SOCIAL STUDIES

RELIGION II

<u>Short Name</u>	<u>Course Code</u>
RELIGIONII	151302

Nonpublic schools offering advanced religion courses may develop an appropriate course description.

Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
RELIGIOUS EDUCATION	1506

RELIGION III

<u>Short Name</u>	<u>Course Code</u>
RELIG III	151303

Nonpublic schools offering advanced religion courses may develop an appropriate course description.

Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
RELIGIOUS EDUCATION	1506

RELIGION IV

<u>Short Name</u>	<u>Course Code</u>
RELIGIONIV	151304

Nonpublic schools offering advanced religion courses may develop an appropriate course description.

Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
RELIGIOUS EDUCATION	1506

COURSE CODES AND CLEARING ENDORSEMENTS	Page 246	Revised April 2019
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SOCIAL SCIENCE/SOCIAL STUDIES

HOLOCAUST HISTORY

Short Name

Course Code

HOL HIST

152000

This high school level course about the Holocaust, its roots and implications seek to explore the historical events before, during and after the Holocaust and to examine this history as a watershed event with lessons and implications for humanity and contemporary society.

PREREQUISITE: None

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

IB HISTORY

Short Name

Course Code

IB HIST

152001

IB History courses prepare students to take the International Baccalaureate History exams at either the Subsidiary or Higher level. In these courses, students study political, military, economic, social, and cultural trends and explore the nature of historical documentation and the methods used by historians. IB History courses survey 20th-century topics in an international context; provide a detailed regional study of a major area (Africa, Europe, the Americas, West and South Asia, East and Southeast Asia, or Australia); and enable students to undertake individual study on a subject of interest in greater detail and depth.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

IB PSYCHOLOGY

Short Name

Course Code

IB PSYCHOL

152002

IB Psychology courses prepare students to take the International Baccalaureate Psychology exams at either the Subsidiary or Higher level. Course content includes developmental and social psychology, cognition and learning, and personality subject areas, which are approached from biological/physiological, behavioral, and humanistic points of view. These courses may include a study of research design and statistics and involve practical work in psychological research.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PSYCHOLOGY	1508
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 247	Revised April 2019
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SOCIAL SCIENCE/SOCIAL STUDIES

IB THEORY OF KNOWLEDGE	<u>Short Name</u> IB TOK	<u>Course Code</u> 152003
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Obligatory for every International Baccalaureate degree candidate, IB Theory of Knowledge courses aim to stimulate critical self-reflection of students' knowledge and experiences. Course content generates questions regarding the bases of knowledge and their verification in the disciplines of mathematics, natural sciences, human sciences, and history, with an awareness of moral, political, and aesthetic judgments and biases. Students learn to appreciate the strengths and limitations of various kinds of knowledge; to relate studied subjects to one another, general knowledge, and living experiences; to formulate rational arguments; and to evaluate the role of language in knowledge and as a way to convey knowledge.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

GENDER STUDIES	<u>Short Name</u> GENDER ST	<u>Course Code</u> 152004
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Gender Studies courses examine the history, politics, economics, and/or culture of gender in society. These courses may focus primarily on gender relations or may take a more comprehensive approach to studying the contemporary issues related to gender.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 248	Revised April 2019
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SOCIAL SCIENCE/SOCIAL STUDIES

SOCIAL SCIENCE, OTHER

Short Name

Course Code

SOC OTHER

159930

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.

--- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.

--- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

SOCIAL SCIENCE, OTHER

Short Name

Course Code

SOC OTHER

159931

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.

--- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.

--- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

COURSE CODES AND CLEARING ENDORSEMENTS	Page 249	Revised April 2019
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SOCIAL SCIENCE/SOCIAL STUDIES

SOCIAL SCIENCE, OTHER	<u>Short Name</u> SOC OTHER	<u>Course Code</u> 159932
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Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.

- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.
- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

SOCIAL SCIENCE, OTHER	<u>Short Name</u> SOC OTHER	<u>Course Code</u> 159932
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Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.

- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.
- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

SOCIAL SCIENCE/SOCIAL STUDIES**SOCIAL SCIENCE, OTHER**Short NameCourse Code**SOC OTHER****159934**

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.

--- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.

--- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

WORLD LANGUAGE

WORLD LANGUAGE ARABIC I

Short Name

Course Code

ARABIC I

060001

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE

0699

WORLD LANGUAGE ARABIC II

Short Name

Course Code

ARABIC II

060002

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE

0699

WORLD LANGUAGE LATIN I

Short Name

Course Code

LATIN I

060105

This beginning course includes the study of the language, literature and culture of the Roman world. Students will be able to understand familiar words, interpret very simple sentences and respond appropriately to simple questions, statements, and commands. Students will be able to read and write words, phrases and simple sentences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-LATIN

0603

COURSE CODES AND CLEARING ENDORSEMENTS	Page 252	Revised April 2019
---	---------------------	-----------------------------------

WORLD LANGUAGE

WORLD LANGUAGE LATIN II

Short Name

Course Code

LATIN II

060106

This course includes a more complex study of the language, literature and culture of the Roman world. Students will be able to understand phrases, sentences and commonly used vocabulary, interpret content, and recognize the main point of simple texts. Students will be able to read and interpret the meaning of short, simple texts and can communicate comprehension of prose and poetry by responding and writing answers to questions and statements. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

ADVANCED PLACEMENT LATIN

Short Name

Course Code

AP LATIN

060107

The AP Latin course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. This course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

LATIN III

Short Name

Course Code

LATIN III

060108

This course builds students' knowledge of the Latin language and culture, typically focusing on having students express increasingly complex concepts in writing and comprehend and react to original Latin texts.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

WORLD LANGUAGE

LATIN IV

Short Name

Course Code

LATIN IV

060109

This course builds upon the content explored in Latin III. This course continues to build students' knowledge of the Latin language and culture, typically focusing on having students express increasingly complex concepts in writing and comprehend and react to original Latin texts.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

LATIN IB CLASSICAL LANGUAGE

Short Name

Course Code

LATIN IB

060111

IB Classical Languages—Latin courses seek to strike a balance between the study of the classic Latin language itself (structure, meaning, and formulation) and the civilization it reflects (particularly its culture, philosophies, and institutions). Course content enables students to understand, translate, and appreciate a classical Latin text; relate literature to its historical or social background; recognize current relevance of ancient literature; and apply acquired knowledge to other subjects.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

WORLD LANGUAGE FRENCH I

Short Name

Course Code

FRENCH I

060221

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-FRENCH

0601

WORLD LANGUAGE**WORLD LANGUAGE FRENCH II**Short Name**FRENCH II**Course Code**060222**

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-FRENCH

0601

WORLD LANGUAGE FRENCH IIIShort Name**FRENCH III**Course Code**060223**

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-FRENCH

0601

WORLD LANGUAGE FRENCH IVShort Name**FRENCH IV**Course Code**060224**

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-FRENCH

0601

COURSE CODES AND CLEARING ENDORSEMENTS	Page 255	Revised April 2019
---	---------------------	-----------------------------------

WORLD LANGUAGE

WORLD LANGUAGE FRENCH V

Short Name

FRENCH V

Course Code

060225

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE

Short Name

AP FRENCH

Course Code

060226

The AP French Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. This course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

IB LANGUAGE A - FRENCH

Short Name

IB FRENCHA

Course Code

060227

This French course prepares students to take the Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses of this literature, and other oral and written assignments. Course content is designed to improve students' accuracy and fluency in the language, which is usually the students' native tongue.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

COURSE CODES AND CLEARING ENDORSEMENTS	Page 256	Revised April 2019
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WORLD LANGUAGE

IB LANGUAGE B - FRENCH

Short Name

Course Code

IB FRENCHB

060228

This French course prepares students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Student prepare to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level will be able to communicate fluently at native speed.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

WORLD LANGUAGE GERMAN I

Short Name

Course Code

GERMAN I

060231

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-GERMAN

0602

WORLD LANGUAGE GERMAN II

Short Name

Course Code

GERMAN II

060232

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

WORLD LANGUAGE**WORLD LANGUAGE GERMAN III**Short Name**GERMAN III**Course Code**060233**

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-GERMAN

0602

WORLD LANGUAGE GERMAN IVShort Name**GERMAN IV**Course Code**060234**

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-GERMAN

0602

WORLD LANGUAGE GERMAN VShort Name**GERMAN V**Course Code**060235**

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-GERMAN

0602

COURSE CODES AND CLEARING ENDORSEMENTS	Page 258	Revised April 2019
---	---------------------	-----------------------------------

WORLD LANGUAGE

ADVANCED PLACEMENT GERMAN LANGUAGE AND CULTURE

Short Name

Course Code

AP GERMAN

060236

The AP German Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary use, language control, communication strategies, and cultural awareness. Students should learn language structures in context and use them to convey meaning. This course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language. The course engages students in an exploration of culture in both contemporary and historical contexts.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

IB LANGUAGE A - GERMAN

Short Name

Course Code

IB GERMANA

060237

This German course prepares students to take the International Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses of this literature, and other oral and written assignments. Course content is designed to improve students' accuracy and fluency in the language, which is usually the students' native tongue.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

IB LANGUAGE B - GERMAN

Short Name

Course Code

IB GERMANB

060238

This German course prepares students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

COURSE CODES AND CLEARING ENDORSEMENTS	Page 259	Revised April 2019
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WORLD LANGUAGE

WORLD LANGUAGE SPANISH I

Short Name

Course Code

SPANISH I

060241

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE-SPANISH	0604

WORLD LANGUAGE SPANISH II

Short Name

Course Code

SPANISH II

060242

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE-SPANISH	0604

WORLD LANGUAGE SPANISH III

Short Name

Course Code

SPANISHIII

060243

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-SPANISH	0604

COURSE CODES AND CLEARING ENDORSEMENTS	Page 260	Revised April 2019
---	---------------------	-----------------------------------

WORLD LANGUAGE

WORLD LANGUAGE SPANISH IV

Short Name

Course Code

SPANISH IV

060244

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

WORLD LANGUAGE SPANISH V

Short Name

Course Code

SPANISH V

060245

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE

Short Name

Course Code

AP SPAN LC

060246

Designed by the College Board to parallel third-year college-level courses in Spanish Composition and Conversation, AP Spanish Language courses build upon prior knowledge and develop students' ability to understand others and express themselves (in Spanish) accurately, coherently, and fluently in both formal and informal situations. Students will develop a vocabulary large enough to understand literary texts, magazine/newspaper articles, films and television productions, and other authentic resources.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

COURSE CODES AND CLEARING ENDORSEMENTS	Page 261	Revised April 2019
---	---------------------	-----------------------------------

WORLD LANGUAGE

IB LANGUAGE A - SPANISH

Short Name

Course Code

IB SPAN A

060247

This Spanish course prepares students to take the Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses of this literature, and other oral and written assignments. Course content is designed to improve students' accuracy and fluency in the language, which is usually the students' native tongue.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

IB LANGUAGE B - SPANISH

Short Name

Course Code

IB SPAN B

060248

This Spanish course prepares students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

SPANISH FOR NATIVE SPEAKERS I

Short Name

Course Code

SPAN NS I

060249

This two semester course supports, reinforces, and expands students' knowledge of their own tongue. Spanish for Native Speakers courses move faster than do traditional Spanish foreign language courses and emphasize expansion of academic language, development of literacy skills, and exploration of culture and history of Spanish speaking people and nations of the world.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

COURSE CODES AND CLEARING ENDORSEMENTS	Page 262	Revised April 2019
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WORLD LANGUAGE

SPANISH FOR NATIVE SPEAKERS II

Short Name

SPAN NS II

Course Code

060250

This course builds upon the content explored in Spanish for Native Speakers I. This two semester course continues to support, reinforce, and expand students' knowledge of their own tongue. Spanish for Native Speakers courses move faster than do traditional Spanish foreign language courses and emphasize expansion of academic language, development of literacy skills, and exploration of culture and history of Spanish speaking people and nations of the world.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

WORLD LANGUAGE JAPANESE I

Short Name

JAPANESE I

Course Code

060251

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-JAPANESE

0607

WORLD LANGUAGE JAPANESE II

Short Name

JAPANESEII

Course Code

060252

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-JAPANESE

0607

WORLD LANGUAGE

ADVANCED PLACEMENT JAPANESE LANGUAGE AND CULTURE

Short Name
APJAPANESE

Course Code
060253

The AP Japanese Language and Culture course is designed to be comparable to college/university Japanese courses that represent the point at which students complete approximately 300 hours of college-level classroom instruction. Like the corresponding college courses, the AP course supports students as they develop the productive, receptive, and cultural skills necessary to communicate with native speakers of Japanese. Students' proficiency levels at the end of the course are expected to reach at least the Intermediate Low to Intermediate Mid range, as described in the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-JAPANESE	0607

WORLD LANGUAGE JAPANESE III

Short Name
JAPAN III

Course Code
060254

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-JAPANESE	0607

ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE

Short Name
AP SPANLIT

Course Code
060255

Designed by the College Board to parallel college-level Introduction to Hispanic Literature courses, AP Spanish Literature courses cover representative works from the literatures of Spain and Spanish America, encompassing all genres. The courses build students' Spanish language proficiency so that they are able to read and understand moderately difficult prose and express critical opinions and literary analyses in oral and written Spanish (an ability equivalent to having completed a third-year college-level Spanish Language course).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-SPANISH	0604

WORLD LANGUAGE

WORLD LANGUAGE RUSSIAN I

Short Name

Course Code

RUSSIAN I

060261

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE-RUSSIAN	0606

WORLD LANGUAGE RUSSIAN II

Short Name

Course Code

RUSSIAN II

060262

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-RUSSIAN	0606

WORLD LANGUAGE CHINESE I

Short Name

Course Code

CHINESE I

060271

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE-CHINESE	0608

COURSE CODES AND CLEARING ENDORSEMENTS	Page 265	Revised April 2019
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WORLD LANGUAGE

WORLD LANGUAGE CHINESE II

Short Name

CHINESE II

Course Code

060272

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

WORLD LANGUAGE-CHINESE

Endorsement Number

0608

WORLD LANGUAGE CHINESE III

Short Name

CHINESEIII

Course Code

060273

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

WORLD LANGUAGE-CHINESE

Endorsement Number

0608

WORLD LANGUAGE CHINESE IV

Short Name

CHINESE IV

Course Code

060274

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

WORLD LANGUAGE-CHINESE

Endorsement Number

0608

COURSE CODES AND CLEARING ENDORSEMENTS	Page 266	Revised April 2019
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WORLD LANGUAGE

WORLD LANGUAGE CHINESE V

Short Name

CHINESE V

Course Code

060275

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

WORLD LANGUAGE-CHINESE

Endorsement Number

0608

ADVANCED PLACEMENT CHINESE LANGUAGE AND CULTURE

Short Name

AP CHINESE

Course Code

060276

This Chinese course prepares students to take the Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

WORLD LANGUAGE-CHINESE

Endorsement Number

0608

MIDDLE SCHOOL EXPLORATORY FRENCH

Short Name

MS FRENCH

Course Code

062021

Middle School/Junior High Exploratory World Language gives students a positive language experience that will enhance their secondary school language learning and put them on the path to fluency. There is usually more emphasis on culture and learning vocabulary in context and little emphasis on grammatical components. Students develop skills in written and oral communication. Students study the aspects of the target culture, such as art, music, and daily life, and learn to compare their native culture with the culture of the target language. Exploratory courses do not qualify for high school credit.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

WORLD LANGUAGE-FRENCH

Endorsement Number

0601

COURSE CODES AND CLEARING ENDORSEMENTS	Page 267	Revised April 2019
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WORLD LANGUAGE

MIDDLE SCHOOL EXPLORATORY SPANISH

Short Name
MSSPANISH Course Code
062041

Middle School/Junior High Exploratory World Language gives students a positive language experience that will enhance their secondary school language learning and put them on the path to fluency. There is usually more emphasis on culture and learning vocabulary in context and little emphasis on grammatical components. Students develop skills in written and oral communication. Students study the aspects of the target culture, such as art, music, and daily life, and learn to compare their native culture with the culture of the target language. Exploratory courses do not qualify for high school credit.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-SPANISH	0604

MIDDLE SCHOOL WORLD LANGUAGE EXPLORATORY - OTHER

Short Name
MS EXP OTH Course Code
062091

MIDDLE SCHOOL EXPLORATORY WORLD LANGUAGE COURSES NOT OTHERWISE LISTED OR CLASSIFIED (i.e. SPANISH AND FRENCH).

Middle School/Junior High Exploratory World Language gives students a positive language experience that will enhance their secondary school language learning and put them on the path to fluency. There is usually more emphasis on culture and learning vocabulary in context and little emphasis on grammatical components. Students develop skills in written and oral communication. Students study the aspects of the target culture, such as art, music, and daily life, and learn to compare their native culture with the culture of the target language. Exploratory courses do not qualify for high school credit.

Recommended Level: Grades 6-8

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE	0699
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606

WORLD LANGUAGE

AMERICAN SIGN LANGUAGE I

Short Name

Course Code

AM SIGN I

064100

This beginning course includes American Sign Language (ASL) instruction and Deaf culture awareness components. Students will be able to understand and interpret basic American Sign Language on a variety of everyday, school and family topics. They will be able to follow and give simple directions and instructions, exchange essential information and negotiate the signing environment using a few polite behaviors and basic nonmanual cues in very limited situations. This course should help students begin to develop cultural understanding and demonstrate practices appropriate to the culture in which ASL is used.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613

AMERICAN SIGN LANGUAGE II

Short Name

Course Code

AM SIGN II

064101

This course enables students to express and comprehend basic information while interacting in ASL. Students will be able to engage in conversations, express feelings and emotions, and exchange opinions on personal and school experiences. Using ASL students can ask and respond to familiar questions for clarification. They will be able to interact in groups to develop and propose solutions to issues and problems related to the school or community. This course should help students understand basic cultural practices of Deaf culture and begin to use a few simple cultural practices and customs.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613

AMERICAN SIGN LANGUAGE III

Short Name

Course Code

AM SIGNIII

064102

This course enables students to understand main points in a conversation on familiar topics about school, leisure, work, etc. Students will be able to exchange, support, and discuss their opinions and individual perspectives on a variety of familiar topics. Using ASL they will be able to discuss current or past events that are significant in the Deaf culture or being studied in another subject. Students can compare basic similarities and differences between Deaf culture and other cultures. This course should help students demonstrate cultural understanding of practices, products, and perspectives appropriate to the culture in which ASL is used.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613

WORLD LANGUAGE

AMERICAN SIGN LANGUAGE IV

Short Name

Course Code

AM SIGN IV

064103

This course enables students to understand extended conversations, provided the topic is familiar. Students will be able to understand and interpret American Sign Language in a variety of real-life situations on everyday topics. They will be able to comprehend main ideas and some supporting details from simple announcements, narratives, and conversations in familiar situations on everyday topics. Students can actively participate in American Sign Language related events in schools and communities by using ASL. This course should help students demonstrate understanding of the nature of ASL and its culture through comparisons of their own language and culture.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613

WORLD LANGUAGE, OTHER

Short Name

Course Code

F LANG OTH

069930

Foreign language courses not otherwise listed or classifiable.

Using codes 069930 through 069934 means you can add five "other" courses by using one code for each one of the five courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

WORLD LANGUAGE

WORLD LANGUAGE, OTHER

Short Name
F LANG OTH

Course Code
069931

Foreign language courses not otherwise listed or classifiable.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

WORLD LANGUAGE

WORLD LANGUAGE, OTHER

Short Name
F LANG OTH

Course Code
069932

Foreign language courses not otherwise listed or classifiable.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

WORLD LANGUAGE

WORLD LANGUAGE, OTHER

Short Name
F LANG OTH

Course Code
069933

Foreign language courses not otherwise listed or classifiable.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

WORLD LANGUAGE

WORLD LANGUAGE, OTHER

Short Name
F LANG OTH

Course Code
069934

Foreign language courses not otherwise listed or classifiable.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

TITLE I CURRICULUM

TITLE I READING

Short Name

Course Code

TI I READ

250101

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs. Similar to Reading (050102) except that the class is conducted under the auspices of Title I requirements and is supplemental in nature.

This code should be used only for classes operating under the auspices of Title I.

ELEMENTARY endorsement clears this course regardless of the level of the endorsement or the grade at which the course is taught.

MIDDLE GRADES endorsement clears this course for grades 4 - 12.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

TITLE I CURRICULUM

TITLE I MATHEMATICS

Short Name

Course Code

TI I MATH

250102

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs. Similar to Arithmetic (110201) except that the class is conducted under the auspices of Title I requirements and is supplemental in nature.

This code should be used only for classes operating under the auspices of Title I.

ELEMENTARY endorsement clears this course regardless of the level of the endorsement or the grade at which the course is taught.

MIDDLE GRADES endorsement clears this course for grades 4 - 12.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

TITLE I EXTENDED KINDERGARTEN

Short Name

Course Code

TI I EXKDG

250103

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs.

A supplemental program which precedes the more formal instructional program in the elementary grades. The Title I kindergarten program may provide a background of supplemental concrete experiences in the basic skills.

This code should be used only for classes operating under the auspices of Title I.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
SPED EARLY CHLDHOOD	1916

TITLE I CURRICULUM

TITLE I LANGUAGE ARTS

Short Name

Course Code

TI I LANG

250104

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs. Similar to Language Arts (050001) except that the class is conducted under the auspices of Title I requirements and is supplemental in nature.

This code should be used only for classes operating under the auspices of Title I.

ELEMENTARY and READING endorsements clears this course regardless of the level of the endorsement or the grade at which the course is taught.

MIDDLE GRADES endorsement clears this course for grades 4 - 12.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

TITLE I PREKINDERGARTEN

Short Name

Course Code

TI I PK

250105

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs.

An early childhood program (for eligible children) which precedes kindergarten. The Title I prekindergarten program provides a background of developmentally appropriate experiences to assist children in their language and concept development. Parental involvement is a key aspect of such programs for young children.

This code should be used only for classes operated under the auspices of Title I.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
SPED EARLY CHLDHOOD	1916

MISCELLANEOUS CURRICULUM

JROTC (Junior Reserve Officers Training Corp)

<u>Short Name</u>	<u>Course Code</u>
JROTC	230101

The purpose of JROTC is "to instill in students in [United States] middle and secondary educational institutions the values of citizenship, service to the United States, and personal responsibility and a sense of accomplishment". Additional objectives are established by the service departments of the Department of Defense. Under 542.4 of Title 32 (National Defense) of the Code of Federal Regulations, the objectives for each grade are: *Developing good citizenship and patriotism, *Developing self-reliance, leadership, and responsiveness to constituted authority, *Improving the ability to communicate well both orally and in writing, *Developing an appreciation of the importance of physical fitness, *Increasing a respect for the role of the U.S. Armed Forces in support of national objectives, *Developing knowledge of team building skills and basic military skills. JROTC follows a prescribed curriculum that helps cadets develop life-long leadership and decision making. The curriculum supports the school's mission and mandates by integrating technology, linking content to state standards, integrating reading and writing, and providing character and financial education.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ROTC	2200

STUDENT AIDE

<u>Short Name</u>	<u>Course Code</u>
STUDNTAIDE	230800

The Student Aide program is offered for students who are working in certain areas of the school operation; for example, office worker, library assistant, or teacher assistant.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
Other Endorsement	8888

ADVANCED PLACEMENT SEMINAR

<u>Short Name</u>	<u>Course Code</u>
APSEMINAR	230801

This rigorous college level course provides students the opportunity to research a real world problem and look at the problem through a variety of lenses. Students will explore the problem through multiple lenses and make connections to their own lives. A primary goal is for students to understand the complexity of a topic by examining a variety of and divergent or competing perspectives. Instructors shall encourage students to approach a topic from these viewpoints: culture and social, artistic and philosophical, political and historical, environmental, economic and scientific.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

COURSE CODES AND CLEARING ENDORSEMENTS	Page 278	Revised April 2019
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MISCELLANEOUS CURRICULUM

ADVANCED PLACEMENT RESEARCH

<u>Short Name</u> APRESEARCH	<u>Course Code</u> 230802
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This rigorous college level course allows students to design, plan and conduct research on a topic of their interest. The project is a year in length and the students are required to demonstrate they are capable of researching current real-world concepts. Students are expected to explore novel ideas or approaches to complex issues; access information using effective strategies; evaluating the relevance and credibility of information as well as demonstrating perseverance, goal setting, managing time, and working independently.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

NON-GRADED STUDY HALL

<u>Short Name</u> STUDY HALL	<u>Course Code</u> 230803
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Study Hall courses provide students with the opportunity and time to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom. Reporting this course is optional.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

HIGH ABILITY EDUCATION**HIGH ABILITY EDUCATION**Short Name**HIGH AB ED**Course Code**300100**

Subject matter and experiences designed for individuals identified by professionally qualified personnel as being capable of high performance in one or more areas of special competence. Among these areas of special competence are creativity, leadership ability, social adeptness, and training in fine arts education.

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

OTHER ENDORSEMENT

8888

COURSE CODES AND CLEARING ENDORSEMENTS	Page 280	Revised April 2019
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ENGLISH AS A SECOND LANGUAGE

ENGLISH AS A SECOND LANGUAGE

Short Name

Course Code

ESL

310010

A special course designed to teach the English language to non-or limited English speaking students. The goals of ESL instruction are: 1) to provide students with the English language skills appropriate to their grade level as rapidly as possible; 2) to orient students to the culture patterns of American life so they can participate fully in the classroom, the school, and the community; 3) to develop students' awareness of cultural diversity and to encourage pride in their own bilingualism and biculturalism; and 4) to enable students to make as much progress in their academic subjects as English speaking students make by providing them with supplementary materials, instruction, and tutoring in their primary language.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

Other Endorsement

8888

ESL OR DUAL LANGUAGE ARTS-ELEMENTARY

Short Name

Course Code

ESL LAN E

310050

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in the area of language arts, including the full range of language experiences i.e., oral, listening, reading and writing skills. This course is designed for students whose instructional level is at the elementary level (grades K-8).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE

1804

EARLY CHILDHOOD EDUCATION

1802

EARLY CHILDHOOD EDUCATION

1830

ELEMENTARY

1801

MIDDLE LEVEL

1803

COURSE CODES AND CLEARING ENDORSEMENTS	Page 281	Revised April 2019
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ENGLISH AS A SECOND LANGUAGE

ESL OR DUAL LANGUAGE ARTS-SECONDARY

Short Name

Course Code

ESL LAN S

310051

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in the area of language arts, including the full range of language experiences i.e., oral, listening, reading and writing skills. This course is designed for students whose instructional level is at the secondary level (grades 9-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803

BILINGUAL/ENGLISH AS A DUAL LANGUAGE

Short Name

Course Code

ESL DUAL

310101

A special course that makes instructional use of both English and the students' native language to enable the student to develop and attain English proficiency and earn academic content credit.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
Other Endorsement	8888

COURSE CODES AND CLEARING ENDORSEMENTS	Page 282	Revised April 2019
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ENGLISH AS A SECOND LANGUAGE

ESL OR DUAL LANGUAGE MATHEMATICS-ELEMENTARY

Short Name

Course Code

ESL MATH E

310110

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in mathematics. This course is designed for students whose instructional level is at the elementary level (grades K-8).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803

ESL OR DUAL LANGUAGE MATHEMATICS-SECONDARY

Short Name

Course Code

ESL MATH S

310111

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in mathematics for students whose instructional level is grades 9-12.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803

COURSE CODES AND CLEARING ENDORSEMENTS	Page 283	Revised April 2019
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ENGLISH AS A SECOND LANGUAGE

ESL OR DUAL LANGUAGE SCIENCE-ELEMENTARY	<u>Short Name</u> ESL SCI E	<u>Course Code</u> 310130
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A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in science for students whose instructional level is at the elementary level (grades K-8).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE LEVEL	1803

ESL OR DUAL LANGUAGE SCIENCE-SECONDARY	<u>Short Name</u> ESL SCI S	<u>Course Code</u> 310131
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A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in science for students whose instructional level is at the secondary level (grades 9-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE LEVEL	1803
PHYSICS	1308
SCIENCE	1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 284	Revised April 2019
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ENGLISH AS A SECOND LANGUAGE

ESL OR DUAL LANGUAGE SOCIAL STUDIES-ELEMENTARY	<u>Short Name</u> ESL SOC E	<u>Course Code</u> 310150
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A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in social studies for students whose instructional level is at the elementary level (grades K-8).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE LEVEL	1803

ESL OR DUAL LANGUAGE SOCIAL STUDIES-SECONDARY	<u>Short Name</u> ESL SOC S	<u>Course Code</u> 310151
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A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in social studies for students whose instructional level is at the secondary level (grades 9-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE LEVEL	1803
POLITICAL SCIENCE	1507
PSYCHOLOGY	1508
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

SUPPLEMENTAL CURRICULUM

SUPPLEMENTAL READING

Short Name

Course Code

SUPP READ

290101

Similar to Title I Reading (250101) except that the class is locally funded and the class is designed to meet the special needs of educationally disadvantaged children. The children must receive services of the same nature and scope as those provided under Title I.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

SUPPLEMENTAL CURRICULUM**SUPPLEMENTAL MATHEMATICS**Short NameCourse Code**SUPP MATH****290102**

Similar to Title I Mathematics (250102) except that the class is locally funded and the class is designed to meet with special needs of educationally disadvantaged children. The children must receive services of the same nature and scope as those provided under Title I.

Clearing Endorsement - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

SPECIAL EDUCATION

SPECIAL EDUCATION ART-K-12 (PAC 1161)

Short Name

Course Code

SE ART

190215

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter and experiences for students with disabilities in the areas of art processes, media and appreciation. It may include experiences in two or three-dimensional work, or new and emerging media. This course code is to be used for all art classes modified and designed specifically for students with disabilities and is appropriate regardless of grade level (K-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
ELEMENTARY	1801
GENERAL ART	0201
MIDDLE GR/ART	1811
MIDDLE LEVEL	1803

SPECIAL EDUCATION ART (PAC 1162)

Short Name

Course Code

SEART AL

190230

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experiences in the areas of art processes, media and appreciation. It may include experiences in two or three dimensional work, or new and emerging media. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
GENERAL ART	0201
MIDDLE GR/ART	1811
MIDDLE LEVEL	1803

SPECIAL EDUCATION

SPECIAL EDUCATION LANGUAGE ARTS - K-12 (PAC1161)

Short Name

Course Code

SE LNG

190515

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide students with disabilities subject matter and experience in the area of language arts, including the full range of language experiences i.e. reading, writing, speaking and listening skills for students with disabilities. This course code is to be used for all language arts classes modified and designed specifically for students with disabilities and is appropriate regardless of grade level (K-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508

SPECIAL EDUCATION LANGUAGE ARTS (PAC 1162)

Short Name

Course Code

SE LNG AL

190530

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experience in the area of language arts, including the full range of language experiences i.e. oral, listening, reading and writing skills. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508

SPECIAL EDUCATION

SPECIAL EDUCATION MATHEMATICS-K-12 (PAC 1161)

Short Name

Course Code

SE MATH

191115

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide the skills and understanding associated with number processes and developing mathematical skills for students with disabilities. Students have the opportunity to apply the math concepts to personal finance, business and money management situations. This course is to be used for all math classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803

SPECIAL EDUCATION MATHEMATICS (PAC 1162)

Short Name

Course Code

SE MATH AL

191130

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities the skills and habits associated with understanding number processes and developing basic mathematical skills. Students have the opportunity to apply the math concepts to money management situations. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803

SPECIAL EDUCATION

SPECIAL EDUCATION MUSIC-K-12 (PAC 1161)

Short Name

Course Code

SE MUS

191215

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter and experiences for students with disabilities in the areas of vocal music, instrumental music, performance, and music appreciation. This course code is to be used for all music classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

SPECIAL EDUCATION MUSIC (PAC 1162)

Short Name

Course Code

SE MUS AL

191230

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experiences in the areas of vocal music, instrumental music, performance, and music appreciation. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
INSTRUMENTAL MUSIC	1202
MIDDLE LEVEL	1803
MUSIC	1201
VOCAL MUSIC	1203

SPECIAL EDUCATION

SPECIAL EDUCATION SCIENCE-K-12 (PAC 1161)

Short Name
SE SCI

Course Code
191315

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter and experiences in the areas of biology, physical and earth sciences for students with disabilities. This course code is to be used for all science classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
EARTH AND SPACE SCIENCE	1305
ELEMENTARY	1801
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE LEVEL	1803
SCIENCE	1301

SPECIAL EDUCATION SCIENCE (PAC 1162)

Short Name
SE SCI AL

Course Code
191330

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experiences in the areas of biology, physical and earth sciences. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE LEVEL	1803
SCIENCE	1301

SPECIAL EDUCATION

SPECIAL EDUCATION SOCIAL STUDIES-K-12 (PAC 1161)

Short Name

Course Code

SE SOC

191515

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter dealing with the elements and structures of human society which may include economics, geography, history, citizenship, government and other social studies related disciplines for students with disabilities. This course code is to be used for all social studies classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE LEVEL	1803
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

SPECIAL EDUCATION SOCIAL STUDIES (PAC 1162)

Short Name

Course Code

SE SOC AL

191530

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter dealing with the elements and structures of human society which may include economics, geography, history, citizenship and other social studies related disciplines. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE LEVEL	1803
SOCIAL SCIENCE	1501

SPECIAL EDUCATION

SPECIAL EDUCATION WORK EXPERIENCE-9-12+ (PAC 1161)

Short Name

Course Code

SEWRKEX HS

191615

**NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS-POSITION ASSIGNMENT CODE (PAC) 1161*

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL PEERS.

A special course designed to provide experiences for students with disabilities in the area of work-related experience and job skills. This course code is to be used for all work experience classes modified and designed for students with disabilities and is appropriate regardless of grade level (9-12+).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BEHAVIOR DISORDERED	1905
DEAF OR HARD OF HEARING/SUBJCT	1901
EARLY CHILD INCLUSIVE	1804
SEC TRANSITION SPECIALIST	2502
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED FUNCT ACAD SKILLS/IND LIV	1914
SPED INCLUSION/COLLAB SPC SUBJ	1906
SPEECH-LANGUAGE PATH	1908
VISUAL IMPAIRMENT	1902
VOC SPECIAL NEEDS	2305

SPECIAL EDUCATION

SPECIAL EDUCATION WORK EXPERIENCE (PAC 1162)

Short Name

Course Code

SE WORKEK

191630

NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS-POSITION ASSIGNMENT CODE (PAC) 1162
 RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide students with significant cognitive disabilities subject matter and experiences in the area of work-related experience and job skills. This course is designed for secondary students whose instructional level does not exceed 8th grade.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BEHAVIOR DISORDERED	1905
DEAF OR HARD OF HEARING/SUBJCT	1901
EARLY CHILD INCLUSIVE	1804
SEC TRANSITION SPECIALIST	2502
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED FUNCT ACAD SKILLS/IND LIV	1914
SPED INCLUSION/COLLAB SPC SUBJ	1906
SPEECH-LANGUAGE PATH	1908
VISUAL IMPAIRMENT	1902
VOC SPECIAL NEEDS	2305

SPECIAL EDUCATION

SPECIAL ED FUNCTIONAL SKILLS AND ACTIVITIES (PAC 1162)

Short Name

Course Code

SE FUNCT

192000

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN A THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide the opportunity to acquire survival skills and habits necessary in daily living for students with disabilities. This course code is to be used for all functional skill and activity classes modified and designed for elementary and/or secondary students whose instructional level does not exceed 8th grade.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BEHAVIOR DISORDERED	1905
DEAF OR HARD OF HEARING/SUBJCT	1901
EARLY CHILD INCLUSIVE	1804
SEC TRANSITION SPECIALIST	2502
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED FUNCT ACAD SKILLS/IND LIV	1914
SPED INCLUSION/COLLAB SPC SUBJ	1906
SPEECH-LANGUAGE PATH	1908
VISUAL IMPAIRMENT	1902
VOC SPECIAL NEEDS	2305

SPECIAL EDUCATION

SPECIAL EDUCATION INDEPENDENT LIVING-K-12 (PAC 1161)

<u>Short Name</u> SE IND LV	<u>Course Code</u> 192015
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** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide the opportunity to acquire effective independent living, self advocacy and survival skills with a focus on interconnection of family, career and community for students with disabilities. This course code is to be used for all independent living classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BEHAVIOR DISORDERED	1905
DEAF OR HARD OF HEARING/SUBJCT	1901
EARLY CHILD INCLUSIVE	1804
SEC TRANSITION SPECIALIST	2502
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED FUNCT ACAD SKILLS/IND LIV	1914
SPED INCLUSION/COLLAB SPC SUBJ	1906
SPEECH-LANGUAGE PATH	1908
VISUAL IMPAIRMENT	1902
VOC SPECIAL NEEDS	2305

PHYSICAL EDUCATION, ADAPTIVE

<u>Short Name</u> ADAPTPE	<u>Course Code</u> 193000
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A diversified program of developmental activities, games, sports, and rhythms suited to the interest, capacities and limitations of students who may not safely or successfully engage in unrestricted participation in the activities of the general physical education program.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ADAPTED PHYS ED	0805

SPECIAL EDUCATION

SPECIAL EDUCATION IN-HOME SETTING

<u>Short Name</u>	<u>Course Code</u>
HBSPED	194000

Responsible for teaching/coaching parents and families of young children with disabilities birth to kindergarten eligible entrance age in the child's home.

A course designed to provide the opportunity for young children and their families to acquire knowledge and skills to support the child's activities in home and community settings. See course code 180005 for Non-Sped Home-based Program if course is for non-special ed.

GRADES PRE-K

See endorsements below, if staff reported are Primary Service Providers (selected from the IEP or IFSP team), any additional special education endorsements or licensure will clear this course. If the staff has an Early Childhood (1802 and/or 1830) endorsement, they must also have a special education endorsement.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1830
SPED EARLY CHLDHOOD	1916
SPED EARLY INTRVNTN SPEC	1922

SPECIAL EDUCATION STUDY SKILLS

<u>Short Name</u>	<u>Course Code</u>
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THIS COURSE OFFERING FOR STUDENTS WITH DISABILITIES,

USE COURSE CODE 260300 (STUDY SKILLS) FOUND ON PAGE 110 OF "COURSE CODES AND CLEARING ENDORSEMENTS" UNDER PERSONAL DEVELOPMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
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SELF-CONTAINED CLASSROOM

SELF-CONTAINED CLASSROOM

Short Name

Course Code

SELF-C

180000

A group of students under the primary direction of one teacher for a majority of the school day and for a majority of the subject-matter areas of the curriculum.

This code may be used at grade levels PK-8 only.

GRADES PRE-K-8

- Early Childhood Education (Pre-3)
- Elementary (K-8)
- Middle Grades (4-9)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE LEVEL	1803
SPED EARLY CHLDHOOD	1916
SPED EARLY INTRVNTN SPEC	1922

HOME-BASED PROGRAM (NON SPED)

Short Name

Course Code

HBNSPED

180005

Type of early childhood program that specifically provides home visiting services to children birth to kindergarten eligible entrance age. These services are primarily delivered in the home of the family.

A course designed to provide the opportunity for young children and their families to acquire knowledge and skills to support the child's development and active participation in the family's everyday routines and activities in home and community settings. See course code 194000 for Special Education In Home setting.

GRADES PRE-K

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
SPED EARLY CHLDHOOD	1916
SPED EARLY INTRVNTN SPEC	1922

Course Codes and Clearing Endorsements - Change Summary**Version 10.0.0****April 12, 2019****1. New Course Codes**

020700 – IB-Visual Arts
020701 – Interdisciplinary Arts-Visual Arts
020702 – Visual Arts-Independent Study
020703- Visual Arts-Work Based Learning
030501 – Accounting I
030502 – Accounting 2
030503 – Accounting 3
030504 – Accounting 4
120800 – IB-Music
120801 – Interdisciplinary Arts-Music
120802 – Music-Independent Study
120803 – Music-Work Based Learning
120804 – Music Theory Fundamentals
120805 – Music Technology/Electronic
120806 – Music Cultural Ensembles
120807 – Music Composition/Songwriting
130203 – Environmental Science
130204 – AP Environmental Science
130205 – Energy and Environment
191615 – Special Education Work Experience 9-12 (PAC 1161)
161630 – Special Education Work Experience (PAC 1162)
220200 – Theatre-Acting/Performance
220300 – Theatre-Stagecraft
220400 – Theatre-Directing
220500 – Theatrical Production and Management
220700 – IB-Theatre
220701 – Interdisciplinary Arts-Theatre
220702 – Theatre-Independent Study
220703 – Theatre Work Based Learning
229930 – Theatre, Other

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

2. Course Codes with Name Changes only

230803 – Non-Graded Study Hall (previous name: Study Hall)

3. Course Codes with Name and Description Changes

031800 – Economics (previous name: Business Economics)

032300 – Introduction To Business (previous name: Introduction to Business, Marketing & Mgt)

033002 – Wealth Building Fundamentals (previous name: College Wealth Building & Financial Management)

4. Course Description changes

030900 – Business Law

032350 – Exploration of Business and Entrepreneurship

032370 – Entrepreneurship

032802 – Management and Leadership

033000 – Personal Finance

038100 – Marketing

038101 - Marketing Management

038200 – Advanced Marketing

130420 – Physical Science – Integrated

130422 – Biology – Integrated

130423 – Chemistry – Integrated

151300 – Sociology

190215 – Special Education Art K-12 (PAC 1161)

190230 – Special Education Art (PAC 1162)

190515 – Special Education Language Arts K-12 (PAC 1161)

190530 – Special Education Language Arts (PAC 1162)

191115 – Special Education Mathematics K-12 (PAC 1161)

191130 – Special Education Mathematics (PAC 1162)

191215 – Special Education Music K-12 (PAC 1161)

191230 – Special Education Music (PAC 1162)

191315 – Special Education Science K-12 (PAC 1161)

131330 – Special Education Science (PAC 1162)

191515 – Special Education Social Studies K-12 (PAC 1161)

191530 – Special Education Social Studies (PAC 1162)

192000 – Special Ed Functional Skills and Activities (PAC 1162)

192015 – Special Education Independent Living K-12 (PAC 1161)

320700 – Other Work-Based Learning Class

320701 – Other Work-Based Learning Experience

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

5. Endorsement codes have been ADDED/REMOVED for the following course codes

- 013000 – Environmental And Natural Resources – Add 1301
- 018065 – Case Food Science and Safety – Add 0903
- 018080 – FNS – Food Production, Nutrition, And Health – Add 0903
- 018081 – FNS – Food Science – Add 0903
- 018082 – FNS – Nutrition Science – Add 0903

Course Codes and Clearing Endorsements - Change Summary

Version 9.1.0

May 9, 2018

Corrections were made to Version 9.0.0

1. Course Codes Removed

- These courses were removed in 2017-2018. Should not have been included in 2018-2019 Version 9.0.0.
- 139931 – 139934 – Science, Other

Course Codes and Clearing Endorsements - Change Summary

Version 9.0.0

March 22, 2018

Numerous changes have been made to course descriptions and clearing endorsements.
Please check carefully before assigning a course code.

2. Course Codes Removed

- 011013 – Agricultural Biology
- 011014 – Equine Science
- 011016 – Plant Biology
- 012003 – Turf Management
- 016002 – Structural Systems
- 018049 – Environmental Science
- 018050 – Advanced Placement Environmental Science
- 018083 - FNS – Food and Nutrition Science Research and Development
- 050315 – Advanced Placement Spanish Literature (Moved to 060255 under World Language)
- 065000 – Language Survey
- 110626 – IB Mathematics & Computing-SL
- 135020 – Advanced Placement Physics

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

2. New Course Codes

012005 – Agribusiness Management and Entrepreneurship
016006 – Precision Agriculture and Engineering
018064 – CASE Natural Resources and Ecology
018065 – CASE Food Science and Safety
018066 – CASE Agricultural Power and Technology
050053 – IB Language A (English) Middle Years Program
050060 – English Grammar
050061 – Yearbook
050062 – Research Methods
050063 – Literature of a Genre
060001 – World Language Arabic I
060002 – World Language Arabic II
060111 – Latin IB Classical Language
060254 – World Language Japanese III
060255 – Advanced Placement Spanish Literature and Culture
(Replaced course 050315 that was removed from English Language Arts)
062021 – Middle School Exploratory French
062041 – Middle School Exploratory Spanish
062091 – Middle School World Language Exploratory – Other
080127 – Adapted Physical Education
090129 – FNS – Food Production, Nutrition and Health
090130 – FNS – Food Science
090131 – FNS – Nutrition Science
101402 – Advanced Manufacturing & Fabrication – Metals
101700 – Introduction to Aircraft and Rocketry
101701 – Introduction to Aviation and Aerospace
101702 – History of Aviation
101703 – Aviation Safety
101704 – Introduction to Powered Flight
101922 – Advanced Manufacturing & Fabrication – Woods
101941 – Welding 3
101952 – Advanced Manufacturing & Fabrication – Plastics
110627 – IB Mathematics Higher Level
135023 – Advanced Placement Physics C: Electricity and Magnetism
135024 – Advanced Placement Physics C: Mechanics
135025 – Meteorology
151115 – Advanced Placement Comparative Government and Politics
152004 – Gender Studies
270410 – Introduction to Computer Science & Web Design
270411 – Introduction to Computer Science

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

270412 – Introduction to Web Design
270712 – IB Computer Science
320722 – Registered Apprenticeship Class
320723 – Registered Apprenticeship Work

3. Course Codes with Name Changes

130420 – Physical Science – Integrated
Previous name: Integrated Science – Physical Science
130422 – Biology – Integrated
Previous name: Integrated Science – Biology
130423 – Chemistry – Integrated
Previous name: Integrated Science – Chemistry
060226 – Advanced Placement French Language and Culture
Previous name: Advanced Placement French and Culture
060236 – Advanced Placement German Language and Culture
Previous name: Advanced Placement German and Culture
060253 – Advanced Placement Japanese Language and Culture
Previous name: Advanced Placement Japanese and Culture

4. Course Codes with Name and Description Changes

011004 – Animal Science
Previous name: Animal Biology
011006 – Small Animal Management
Previous name: Companion Animals
011007 - Plant Science
Previous name: Plant Science/Horticulture
011008 - Crop Management/Agronomy
Previous name: Agronomic Science
011010 – Agricultural Economics
Previous name: Economics & Agribusiness
011011 – Agricultural Sales and Communication
Previous name: Agricultural Sales and Entrepreneurship
012004 – Agricultural Biotechnology
Previous name: Biotechnology
013000 – Environmental and Natural Resources
Previous name: Natural Resources
013002 – Environmental and Natural Resources Management
Previous name: Advanced Natural Resources
014000 – Food Science and Safety
Previous name: Food Science

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

014001 – Food Products and Technology

Previous name: Advanced Food Science

016000 – Power, Structural and Technical Foundations

Previous name: Power, Structure and Technical Systems Fundamentals

016003 – Power, Structural and Technology Systems

Previous name: Power and Technology

017000 – Agricultural Leadership and Career Readiness

Previous name: Leadership and Ethics in Agriculture

033422 – Introduction to Business Technology

Previous name: Computer Applications

060107 – Advanced Placement Latin

Previous name: Advanced Placement Latin Vergil

060246 – Advanced Placement Spanish Language and Culture

Previous name: Advanced Placement Spanish and Culture

060276 – Advanced Placement Chinese Language and Culture

Previous name: Advanced Placement Chinese and Culture

077304 – Exploring Laboratory Medicine

Previous name: Exploring the Clinical Lab

100100 – Introduction to Skilled and Technical Sciences

Previous name: Introduction to the Built Environment

100110 – Construction Trades 1

Previous name: Principles of Construction Technology

110120 – Construction Trades 2

Previous name: Advanced Construction Technology

100130 – Drafting and Design

Previous name: Introduction to Architecture and Construction

100140 – Architectural Design 1

Previous name: Computer Aided Drafting

100141 – Architectural Design 2

Previous name: Applications in Design and Pre-construction

100406 – Fundamentals of Energy

Previous name: Energy Exploration

100407 – Physics and Mathematics of Energy

Previous name: Energy Generation and Distribution

100408 – Sustainable Energy

Previous name: Green Energy

101400 – Manufacturing Process – Metals

Previous name: Manufacturing – Metals

101401 – Manufacturing Production – Metals

Previous name: Advanced Fabrication and Manufacturing – Metals

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

- 101600 – Transportation I
Previous name: Introduction to Energy, Power and Transportation Systems
- 101601 – Introduction to TDL
Previous name: Emerging Tech in Transportation & Logistics
- 101620 – Transportation 2
Previous name: Transportation Tech Svcs & Maint
- 101630 – Transportation 3
Previous name: Automotive & Mobile Equip Serv & Repair
- 101640 – Collision Repair
Previous name: Automotive Body Repair and Refinishing
- 101920 – Manufacturing Processes – Woods
Previous name: Manufacturing – Woods
- 101921 – Manufacturing Production – Woods
Previous name: Advanced Fabrication and Manufacturing – Woods
- 101930 – Welding 1
Previous name: Manufacturing – Welding
- 101940 – Welding 2
Previous name: Advanced Fabrication and Manufacturing – Welding
- 101950 – Manufacturing Processes – Plastics
Previous name: Manufacturing – Plastics
- 101951 – Manufacturing Production – Plastics
Previous name: Advanced Fabrication and Manufacturing- Plastics
- 103191 – Engineering Design and Systems Thinking
Previous name: Introduction to Engineering
- 103192 – Engineering Problem Solving
Previous name: Engineering Concepts
- 103193 – Systems Engineering and Project Management
Previous name: Engineering Applications
- 110623 – IB Mathematical Studies – Standard Level
Previous name: IB Mathematical Studies
- 110624 – IB Mathematics Standard Level
Previous name: IB Mathematics
- 110625 – IB Further Mathematics-Higher Level
Previous name: IB Further Mathematics-SL
- 150750 – Advanced Placement Human Geography
Previous name: Advanced Placement Geography
- 151113 – Advanced Placement United State Government and Politics
Previous name: Advanced Placement Government

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

5. Course Description changes

011005 – Large Animal Management
011009 – Agribusiness
011015 – Veterinary Science
012001 – Nursery and Landscape
012002 – Floriculture
013001 – Wildlife Management
016004 – Welding
016005 – Metals and Fabrication
0180661 – CASE Plant Science
018062 – CASE Animal Science
018063 – CASE Animal & Plant Biotechnology
018080 – FNS – Food Production, Nutrition, and Health
018081 – FNS – Food Science
018082 – FNS – Nutrition Science
077302 – Health Sciences III
077702 – Human Life Cycle Nutrition
090116 – Interpersonal Relationships
270602 – Digital Media
270702 – Advanced Placement Computer Science Principles
270703 – Computer Science Principles
270704 – Foundations of Computing
270706 – Web Design and Development
270708 – Project Lead The Way – Computer Science Principles
270710 – Project Lead The Way – Computer Science Essentials

6. Endorsement code Name Changes

1605 – Work-based Learning
 Previous name: Coop Ed Div Occ
1000 – Skilled and Technical Sciences
 Previous name: Industrial Tech Education
1700 – Skilled & Technical Sciences, Skilled Specific
 Previous name: Skilled & Technical Sciences Ed
1803 – Middle Level
 Previous name: Middle Grades

7. Endorsement codes have been ADDED/REMOVED for the following course codes

011007 – Remove – 0905 – Hort Educ
012002 – Remove 0905 – Hort Educ
077702 – Add 1301 Science and 1303 Biology
077801 – Add 1508 Psychology and 1509 Sociology

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

077802 – Add 1508 Psychology and 1509 Sociology
077803 – Add – 1301 Science
077804 – Add – 1301 Science
077805 – Add – 1301 Science
077806 – Add – 1301 Science
077807 – Add – 1301 Science
077808 – Add – 1301 Science
077809 – Add – 1301 Science
077810 – Add – 1301 Science
103194 - Add – 1100 Mathematics
103195 - Add – 1100 Mathematics
270602 – Add – 0502 English Language Arts, 0510 Jour and Mass Comm,
0520 Journalism and Media Education, 0200 Art.
270702 - Add - 0304 Business, Marketing, Info Tech
270703 - Add - 0304 Business, Marketing, Info Tech
270704 - Add - 0304 Business, Marketing, Info Tech
270706 - Add - 0304 Business, Marketing, Info Tech
270708 - Add - 0304 Business, Marketing, Info Tech
270710 - Add - 0304 Business, Marketing, Info Tech
310131 – Add – 1305 Earth and Space Science , 1308 Physics, and 1307 Chemistry
310151 – Add – 1502 Anthropology, 1503 Economics, 1507 Political Science,
1508 Psychology, and 1509 Sociology

Course Codes and Clearing Endorsements - Change Summary

Version 8.0.0

April 17, 2017

Numerous changes have been made to course descriptions and clearing endorsements.
Please check carefully before assigning a course code.

1, Course Codes Removed

080150 – Physical Education
080200 – Physical Education I
080300 – Physical Education II
080400 – Physical Education III
080500 – Physical Education IV
080600 – Physical Education, Specialized
080601 – Strength Training
089933 – Physical Education, Other

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

089934 – Physical Education, Other
090108 – Advanced Human Food, Nutrition & Wellness
270612 – Intermediate Digital Design
320400 – C4C - Curriculum For Careers
350015 – Early Childhood Education I
350020 – Early Childhood Education II

8. New Course Codes

011012 – MS Introduction To Ag, Food & Natural Resources
080107 – Foundations For Physical Education and Fitness
080108 – Beginning Swimming
080109 – Intermediate Swimming
080110 – Fitness Swimming and Aquatic Activities
080111 – Introduction to Strength & Conditioning
080112 – Intermediate Strength & Conditioning
080113 – Advanced Strength & Conditioning
080114 – Aerobic Training
080115 – Advanced Aerobic Training
080116 – Introduction to Dance
080117 – Hip-Hop Dance
080118 – Ballroom Dance
080119 – Dance Performance
080120 – Lifetime Activities
080121 – Team Games
080122 – Outdoor Pursuits
080123 – Lifeguard Training & Water Safety Instruction Aide
080124 – Sport Officiating
080125 – Physical Education Elementary
080126 – Physical Education Middle School
090121 – Early Childhood Education and Services
090122 – Early Childhood Practicum
090123 – Human Growth and Development
090124 - Nutrition
090125 - Dietetics
090126 – Introduction To Design Principles
090127 – Families in Crisis
090128 – Careers In Mental Health
130422 – Integrated Science – Biology
130423 – Integrated Science – Chemistry
130424 – Independent Study
230803 – Study Hall

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

270701 – Computer Science A
270703 – Computer Science Principles
270704 – Foundations of Computing
270705 – Software Development
270706 – Web Design and Development
270707 - Cybersecurity
270708 – Project Lead The Way – Computer Science Principles
270709 – Project Lead The Way – Computer Science A
270710 – Project Lead The Way – Computer Science Essentials
270711 – Project Lead The Way - Cybersecurity
320702 – AFNR Work-Based Learning Experience
320703 – Arch and Constr Work-Based Learning Experience
320704 – Arts, AV & Com Work-Based Learning Experience
320705 – Business Mgmt Work-Based Learning Experience
320706 – Ed & Train Work-Based Learning Experience
320707 – Energy & Eng Work-Based Learning Experience
320708 – Finance Work-Based Learning Experience
320709 – Govt, Public Admin Work-Based Learning Experience
320710 – Health Science Work-Based Learning Experience
320711 – Hospitality & Tourism Work-Based Learning Experience
320712 – Human Services/FACS Work-Based Learning Experience
320713 – Information Technology Work-Based Learning Experience
320714 – Law, Public Safety Work-Based Learning Experience
320715 – Manufacturing Work-Based Learning Experience
320716 – Marketing Work-Based Learning Experience
320717 – Transportation Work-Based Learning Experience
320718 – English/Language Arts Work-Based Learning Experience
320719 – Mathematics Work-Based Learning Experience
320720 – Science Work-Based Learning Experience
320721 – Social Studies Work-Based Learning Experience

9. Course Codes with Name Changes

090101 – changed to: Introduction to Human Services/FACS
(was: Introduction to Human Services)
090103 – changed to: Textile Constructions
(was: Textiles Construction and Design)
090107 - changed to: Fundamentals of Food and Nutrition
(was: Human Food, Nutrition & Wellness)
090109 – changed to: Home Design and Interiors
(was: Housing and Interior Design)

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

- 090116 – changed to: Interpersonal Relationships
(was: Relationships)
- 090117 – changed to: Parents and Family
(was: Parenting Decisions)
- 090206 – changed to: Fashion Design
(was: Fashion Design and Marketing)
- 099930-099934 – changed to: Human Services/FACS, other
(was: Human Services, other)
- 130420 – changed to: Integrated Science-Physical Science
(was: Physical Science)
- 270601 – changed to: Networking
(was: Networking Systems)
- 270604 – changed to: Foundations of Web Design
(was: Web Design)
- 270609 – changed to: Video Production
(was: Media Production I)
- 270610 – changed to: Media Production
(was: Media Production II)
- 270611 – changed to: Digital Design
(was: Introduction to Digital Design)
- 320700 – changed to: Other Work-Based Learning Class
(was: Work-Based Learning/COOP/DO Class)
- 320701 – changed to: Other Work-Based Learning Experience
(was: Work-Based Learning/COOP/DO Experience)
- 350001 – changed to: Introduction to Education and Training
(was: Exploring Education and Training)
- 350002 – changed to: Best Practices in Education and Training
(was: Human Growth and Development)
- 350010 – changed to: Field Experience in Education and Training
(was: Experiencing Teaching)

10. Course Description changes

- 077300 – Health Sciences I
- 077301 – Health Sciences II
- 077302 – Health Sciences III
- 077303 – Personal and Community Medical Issues/Public Health
- 077304 – Exploring The Clinical Lab
- 077400 – Nursing Assistant/CAN
- 077401 – Medical Aide

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

077444 – Pharmacy Technician
077446 – Phlebotomy Technician
077500 – Introduction to Sports Medicine
077600 – Medical Terminology
077601 – Exercise Science
077701 – Performance Nutrition
077702 – Human Life Cycle Nutrition
077800 – Health Information Technology
077801 – Behavioral Health I
077802 – Behavioral Health II
077812 – Health Information Management and Ethics
077900 – Allied Health and Medicine
089930-089932 – Physical Science, Other
090005 – Family and Consumer Sciences 6
090006 – Family and Consumer Sciences 7
090007 – Family and Consumer Sciences 8
090101 – Introduction to Human Sciences/FACS
(previously: Introduction to Human Sciences)
090103 – Textile Construction
(previously: Textiles Construction and Design)
090104 – Life and Career Readiness
090107 – Fundamentals of Food and Nutrition
(previously: Human Food, Nutrition & Wellness)
090109 – Home Design and Interiors
(previously: Housing and Interior Design)
090113 – Food Science
090116 – Interpersonal Relationships
(previously: Relationship)
090117 – Parents and Families
(previously: Parenting Decisions)
090119 – Child Development
090206 – Fashion Design
(previously: Fashion Design and Marketing)
090207 – The Business to Textiles
090208 – Leadership and Ethics in Human Services
090209 – Consumer Economics
130420 – Integrated Science- Physical Science
(previously: Physical Science)
270604 – Foundations of Web Design
(previously: Web Design)
270613 – Advanced Digital Design

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2019

- 320700 – Other Work-Based Learning Class
(previously: Work-Based Learning/COOP/DO Class)
- 320701 – Other Work-Based Learning Experience
(previously: Work-Based Learning/COOP/DO Experience)
- 350001 – Introduction to Education and Training
(previously: Exploring Education and Training)
- 350002 – Best Practices in Education and Training
(previously: Human Growth and Development)
- 350010 – Field Experience in Education and Training
(previously: Experiencing Teaching)
- 370021 – Culinary Skills 1
- 370022 – Culinary Skills 2
- 370030 – Prostart 1
- 370031 – Prostart 2
- 379930-379934 – Hospitality and Tourism, Other

Endorsement s codes have been ADDED/REMOVED for the following course codes

- 059930 – English Language Arts, Other
Added: 0512
- 077446 - Phlebotomy Technician
Added: 1303, 1301
Removed: 0903, 1501
- 019930-019934 – Agriculture, Food and Natural Resources, Other
Removed: 1810
- 359930-359934 – Education and Training, Other
Removed: 0903

Section Name Changes

- New: HUMAN SERVICES/FACS
old: Human Services/FCS