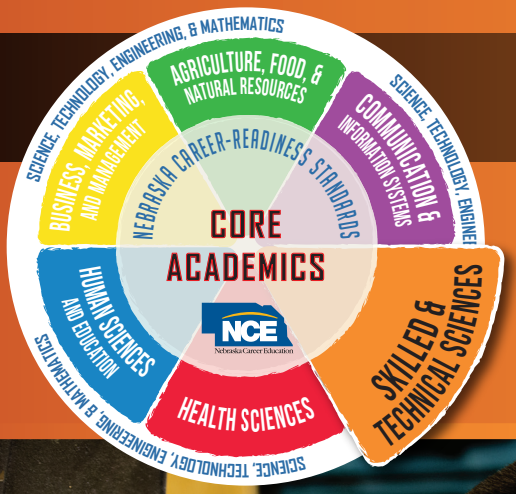

Architecture and Construction

This career cluster prepares for careers in designing, planning, managing, building and maintaining the built environment. People employed in this cluster work on new structures, restorations, additions, alterations and repairs.

HIGH WAGE + HIGH DEMAND + HIGH SKILL = H3 JOBS

ARCHITECTURE & CONSTRUCTION H3 OCCUPATIONS	Average Entry Wage
Carpenters	$25,693
Electricians	$30,386
Plumbers, Pipefitters, and Steamfitters	$36,012
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	$32,472
Construction Managers	$54,886
Electrical Power-Line Installers and Repairers	$39,663
Civil Engineers	$56,331
Cost Estimators	$36,641
Brickmasons and Blockmasons	$41,349
Sheet Metal Workers	$29,302
Architects	$50,904
Structural Iron and Steel Workers	$28,929
Civil Engineering Technicians	$30,431
Reinforcing Iron and Rebar Workers	$25,549
Interior Designers	$26,957

This H3 list based on projected highest number of openings in Nebraska through 2024.
Source: Nebraska Department of Labor, Office of Labor Market Information.

Find more H3 jobs at: ***h3.ne.gov***

TYPICAL HIGH SCHOOL CLASSES

- Architecture and Construction
- Intro into the Built Environment
- Engineering Concepts
- Computer Aided Drafting
- Construction Technology
- Electricity
- Housing and Interior Design
- Structural Systems
- Engineering Design

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Education Pathways to begin your career	Certificate	Diploma	Associate Degree	Bachelor's Degree	Military
ARCHITECTURE				✔	✔
ARCHITECTURE ENGINEERING TECHNOLOGY			✔	✔	✔
BUILDING CONSTRUCTION TECHNOLOGY / MANAGEMENT	✔	✔	✔	✔	✔
DRAFTING			✔		✔
ELECTRICAL CONSTRUCTION & CONTROL			✔		✔
ELECTRICAL ENGINEERING				✔	✔
ELECTRICAL TECHNOLOGY		✔			✔
GIS / GEOGRAPHIC INFORMATION SYSTEMS TECHNICIAN	✔				✔
HEATING, AIR CONDITIONING, AND REFRIGERATION	✔	✔	✔		✔
SKILLED & TECHNICAL SERVICES TEACHER				✔	
INTERIOR DESIGN			✔	✔	
LAND SURVEYING / CIVIL ENGINEER TECHNOLOGY			✔		✔
MECHATRONICS	✔	✔	✔	✔	✔
PLUMBING TECHNOLOGY		✔	✔		✔
POWERLINE CONSTRUCTION & MAINTENANCE TECHNOLOGY		✔	✔		✔
UTILITY LINEWORKER			✔		✔

Advanced and professional degrees not included on this chart.

Check out all education and training options. Entry into these careers may begin with:

- Apprenticeships
- On-the-job training
- Attaining stackable credentials
- Entry-level employment

Entrepreneurship is a career choice!

Start your own business!

Nebraska is expecting an increase of 9,252 jobs in this Cluster between 2014 and 2024.

EXPLORE MORE AT

For diplomas, certificates and associate degrees in most NE Community Colleges: www.mygreatcareer.com

For all types of pathways including professional degrees: www.NebraskaCareerConnections.org or www.mynextmove.org

For military careers: www.careersinthemilitary.com or www.todaysmilitary.com

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