

WHAT CAN I DO WITH MY MAJOR?

CONSTRUCTION ENGINEERING

Construction engineering is a specialized field within civil engineering that focuses on the planning, design, and management of construction projects. It involves applying engineering principles to ensure the efficient and safe completion of infrastructure, buildings, and other constructed facilities.

COMMON JOB TITLES * additional education or certification required post graduation

ENTRY & MID LEVEL POSITIONS

Construction Engineer*
Estimator
Field Inspector
Safety and Design Engineer*

Contract Administrator
Building Services Engineer
Site Engineer*
Project Manager

AREAS OF EMPLOYMENT: WHERE DO CONSTRUCTION ENGINEERING MAJORS TYPICALLY WORK?

Construction Companies: Kiewit, McCarthy Building Co., MCL Construction
Engineering Firms: HDR, inc., Olsson, Alfred Benesch & Company
Government: NE Dept. of Energy, US Housing & Urban Development

Utility Companies: MUD, OPPD, Black Hill Energy
Manufacturing Companies: Behlen Manufacturing Co., Elliot Equipment
Real Estate Development: Noddle Companies, Lockwood Development

IMPORTANT QUALITIES:

Transferable Skills Gained:

Communication Skills
Creativity
Decision-making Skills
Leadership
Critical Thinking

Concrete Skills Gained:

AutoCAD
Revit
Civil 3D
Primavera P6
Navisworks

HOW TO DEVELOP YOUR SKILLS :

Get involved in a **Durham School Student Organization** to learn more about the field, connect with other students, & participate in the community
Attend **Durham School Events** to enrich your student experience and explore your interests
Join **NESCO** to further advance your leadership skills, professionalism, and your future career goals

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MAJOR + MINOR SPECIALIZATION: HOW CAN I SPECIALIZE IN SOMETHING BEFORE I GRADUATE?

Construction Engineering + Engineering Leadership minor = Project Manager

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Construction Engineering + Mathematics minor = Estimator

Construction Engineering + Environmental Engineering minor = Field Inspector

OCCUPATIONAL OUTLOOK:

Project Managers

Estimators

EMPLOYMENT OPPORTUNITIES:

Check out daily job postings on **Handshake** related to accounting jobs, internships, and opportunities to boost your student experience

ADDITIONAL EDUCATION:

Graduate School

Getting a **Masters Degree** or **Doctoral Degree** could be beneficial depending on your career goals or desired area of study, as these advanced degrees can provide deeper specialization, research opportunities, and eligibility for higher-level positions in academia, research, or specialized engineering fields

More Information:

UNL Engineering Graduate Degree Programs

Licensure

The **Fundamentals of Engineering (FE exam)** is an exam that is required to pass before achieving licensure as a professional engineer (P.E.), targeting recent graduates and those nearing completion of their undergraduate engineering studies. More information here: **FE Exam**

To become a licensed Professional Engineer (PE), one must pass the **Principles and Practice of Engineering Exam (PE)**. To learn more about this exam and the licensure process, please visit the **National Council of Examiners for Engineering and Surveying (NCEES)**

OTHER RESOURCES :

UNL College of Engineering

Career Exploration in Career Services

U.S. Bureau of Labor Statistics: Occupational Outlook Handbook

NEED SOME EXTRA HELP?

Book an appointment with Career Services

Book an appointment with your Advisor

Career Services

 EAB 113

 6001 Dodge Street, Omaha, NE 68182

 402.554.3672

 careers.unomaha.edu

 careers@unomaha.edu

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