BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT



EVERYTHING HELPS GROW YOUR SUCCESS

The Construction Management program will prepare you to meet the challenges of becoming competent superintendents and project managers in the residential, commercial, and industrial arenas

This well-rounded degree can prepare you for jobs such as:

- Facility Management
- Construction Business
 Development
- Constructing
- Construction Supervision

STRONG JOB OUTLOOK

DEDICATED & HIGH QUALITY FACULTY

HANDS-ON PRACTICAL LEARNING

- Cost Estimating &
 Budgeting
- Field Engineering

Project Management

U.S. Bureau of Labor Statistics, May 2021

- Project Engineering
- Project Scheduling Quality Assurance
- Management
- Safety Management
- Virtual Project Designing
- And many more...

TECHNOLOGY-DRIVEN CURRICULUM

Your coursework will incorporate the latest available software applications, animations, simulations, building information modeling, and virtual reality methods With these tools, you can learn to effectively plan projects, communicate to stakeholders, and analyze project performance

secure employment in professional positions.

VALUE-ADDED LEARNING

You will learn to maximize the value of a design by understanding life-cycle costing techniques, sensor networks, and intelligent building design

EXPERTISE

You will learn from instructors experienced in the construction field, lending practicality to your training Small class sizes ensures your instructors will get to know you personally Through a combination of interactive lectures, graphic exercises, demonstration classes, and field exercises, you will build valuable working knowledge, enabling you to communicate with engineering subject experts as you develop your craft

J.C. FOLEY

217-251-0345

CMG INSTRUCTOR PROGRAM COORDINATOR 3111 KLEHM HALL JCFOLEY@EIU.EDU



eiuedu/construction-management

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

TOTAL MAJOR COURSEWORK: 68 HRS

CORE COURSEWORK: 68 HRS

CMG 1000 Introduction to Construction Management CMG 2013 Soil, Concrete, & Paving Testing CMG 2223 Print Reading & Intro to Building Information Mgmt (BIM) CMG 2253 Construction Equipment & Materials CMG 2953 Statics & Strength of Materials **CMG 3023** Formwork & Building Processes CMG 3213 Surveying & Site Planning CMG 3603 Mechanical Systems in Residential & Commercial Buildings CMG 3833 Sustainable Buildings CMG 4023 Construction Risk Management CMG 4223 Construction Cost Estimating CMG 4243 Construction Project Management Capstone EGT 1303 Engineering Technology Applications EGT 1323 Computers for Engineering Technology EGT 2004G Materials Science & Evaluation EGT 2043 Computer-Aided Engineering Drawing EGT 2773 Safety for Engineering Technology Professionals EGT 3414 Engineering Technology Project Management BIO 2002G Environmental Life Sciences **OR** Approved **BIO** General Education substitute **BUS 2750** Legal & Social Environment of Business BUS 3010 Management & Organizational Behavior **OR ODL 4835** Supervision in Organizations TEC 4275 Internship Credits: 1 to 10 **OR CMG 4413** Advanced Construction Safety

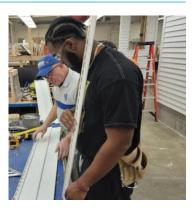
POSSIBLE ELECTIVES

CMG 4413 Advanced Construction Safety **CMG 4913** 30 Hour OSHA Certification for Construction **EGT 4503** Engineering Technology Cost Analysis **EGT 4843** Statistical Quality & Reliability

EXCITING CAREER OPPORTUNITIES

Graduates of the Construction Management program have gone on to work for companies such as: • Kiewit Corporation

- Mortenson Construction
- Bulley & Andrews
- Lithko Contracting, LL
- Interstates
- GE Johnso
- ...and many more





SUGGESTED 4-YEAR SEQUENCE

| FALL Y | ΈΑ | R 1 SPRING | |
|---|------------------------|--|-----------------------|
| CMG 1000 EGT 1303 EGT 1323 ENG 1001G CMG 2253 *even years | 3 3 3 3 3 | Fine Arts EGT 2043 EGT 2004G ENG 1002G Social/Behavioral | 3 3 4 3 3 |
| Total | 15 | Total | 16 |
| FALL YEAR 2 SPRING | | | |
| CMG 2223 *odd years CMG 2953 EGT 2773 Humanities CMN 1310G | 3 3 3 3 3 | Social & Behavioral CMG 2013 BUS 2750 BIO 2002G Math | 3 3 3 3 3 |
| Total | 15 | Total | 15 |
| FALL YEAR 3 SPRING | | | |
| | _ | Social & Behavioral | |
| BUS 3010/ODL 4835 CMG 3213 *even years EGT 3414 Elective Elective | 3 3 4 3 3 | CMG 3023 CMG 4023 *odd years Elective Elective | 3 3 3 3 3 |
| CMG 3213 *even years EGT 3414 Elective | 3 4 3 | CMG 3023 CMG 4023 *odd years Elective | 3 3 3 |
| CMG 3213 *even years EGT 3414 Elective Elective Total | 3 4 3 3 16 | CMG 3023 CMG 4023 *odd years Elective Elective | 3 3 3 3 |
| CMG 3213 *even years EGT 3414 Elective Elective Total | 3 4 3 3 16 | CMG 3023 CMG 4023 *odd years Elective Elective Total | 3 3 3 3 |

• Internship may also be taken after Year 2 with permission of Program Coordinator.

• If selected properly, electives can result in a Business Administration minor.

The four-year sequence assumes high school foreign language requirements have been met
 Consult Catalog for specific course prerequisites

