

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*
- *Cost Estimating & Budgeting*
- *Field Engineering*
- *Project Management*
- *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.

- + **STRONG JOB OUTLOOK**
- + **DEDICATED AND HIGH QUALITY FACULTY**
- + **HANDS-ON PRACTICAL LEARNING**

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 ensure 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.

Mr. J.C Foley

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BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

TOTAL MAJOR COURSEWORK: 68 HRS

SUGGESTED 4-YEAR SEQUENCE

- CMG 1000 - Introduction to Construction Management.
- CMG 2013 - Soil, Concrete, and Paving Testing.
- CMG 2223 - Print Reading and Introduction to Building Information Management (BIM).
- CMG 2253 - Construction Equipment and Materials.
- CMG 2953 - Statics and Strength of Materials.
- CMG 3023 - Formwork and Building Processes.
- CMG 3213 - Surveying and Site Planning.
- CMG 3603 - Mechanical Systems in Residential and 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 and 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 and Social Environment of Business.
- BUS 3010 - Management and Organizational Behavior.
- or ODL 4835 - Supervision in Organizations.
- TEC 4275 - Internship. Credits: 1 to 10
- or CMG 4413 - Advanced Construction Safety.

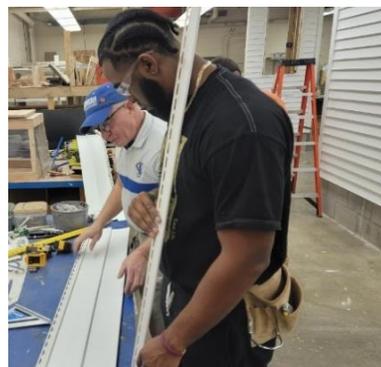
YEAR 1				YEAR 2			
FALL		SPRING		FALL		SPRING	
CMG 1000	3	Fine Arts	3	CMG 2253	3	Social & Behavioral	3
EGT 1303	3	EGT 2043	3	CMG 2953	3	CMG 2013	3
EGT 1323	3	EGT 2004G	4	EGT 2773	3	BUS 2750	3
ENG 1001G	3	ENG 1002G	3	CMG 2223	3	BIO 2002G	3
Humanities	3	Social & Behavioral	3	CMN 1310G	3	Math	3
15		16		15		15	
YEAR 3				YEAR 4			
FALL		SPRING		FALL		SPRING	
BUS 3010 or ODL 4835	3	Social & Behavioral	3	EGT 3414	4	CMG 4023	3
CMG 3213	3	CMG 3023	3	TEC 4275* or CMG 4413	3	CMG 4223	3
CMG 3603	3	CMG 3833	3	Elective	3	CMG 4243	4
Humanities/Fine Arts	3	Elective	3	Elective	3	Elective	3
Elective	3	Elective	3	Elective	3		
16		15		15		13	
TOTAL: 120							

- 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
- 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



Quick Facts about Construction Management:

- *EIU Construction Management students have a 100% job placement after graduation. * EIU career services*
- *The median annual wage for construction managers was \$98,890 in May 2021. * U.S. Bureau of Labor Statistics*
- *Employment of construction managers is projected to grow 8 percent from 2021 to 2031, faster than the average for all occupations. * U.S. Bureau of Labor Statistics*



EXCITING CAREER OPPORTUNITIES

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

- Kiewit Corporation
- Lithko Contracting, LLC
- Mortenson Construction
- Interstates
- Bulley & Andrews
- GE Johnson
- ...and many more!

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