

IBHE SHORT PROGRESS REPORT
Bachelor of Science in Construction Management

- 1. Reporting Institution:** Eastern Illinois University
- 2. Reporting Program:** Bachelor of Science in Construction Management
- 3. Date:** February 7, 2022
- 4. Contact Person:** Isaac Slaven
Telephone: (217) 581-7259
E-mail: islaven@eiu.edu
Fax: (217) 581-6607

5. Summary of Program Goals and Objectives and Progress at Meeting Goals:

The Construction Management program began as a program offering in the fall semester of 2018. The graduates from this program go into high-demand construction careers such as field engineer, project manager, cost estimator, safety coordinator, and risk manager. With high rates of retirements from individuals in engineering and technical management fields, the demand for these graduates looks to continue to grow for many years to come.

The mission of the Bachelor of Science in Construction Management program is to prepare technical or technical management-oriented professionals for employment in residential, commercial, and industrial construction. Upon completion of the degree program, students will be able to:

1. Demonstrate effective communication skills for Construction Management fields using written, oral, and technological formats.
 - I. Write critically and effectively in the discipline of Construction Management by developing an argument and evaluating evidence, issues, ideas, and problems from multiple perspectives.
 - II. Present information using engineering tools, engage in discussion of engineering concepts, explain the ideas of others, and express their own ideas with clarity.

Progress: Students are assessed during oral presentations, written assignments and presentations, which is a partial requirement for both coursework within the program. The senior capstone class requires a presentation of the project to industry representatives.

2. Analyze problems and apply Construction Management solutions utilizing quantitative reasoning and critical thinking skills.
 - I. Produce, analyze, interpret, and evaluate estimating and costing systems used in construction environments.
 - II. Apply critical thinking skills to interpret construction business trends.
 - III. Apply critical thinking skills to design and manage in construction management environments.
 - IV. Create and justify cost effective construction projects using a variety of tools.

Progress: Required courses are specifically designed to provide students with the tools to analyze problems and develop solutions while applying quantitative reasoning and critical thinking skills in Construction Management. Students complete assignments and projects in courses directly requiring application of these skills.

3. Develop an awareness of ethical values and social responsibility in a multicultural environment.
 - I. Interact sensitively and ethically with people from diverse backgrounds and demonstrate understanding of the sociocultural contexts that influence individual differences in construction and professional environments.
 - II. Implement values and systems in production environments that will lead to positive outcomes in construction environments and a society responsive to multicultural and global concerns.

Progress: Core courses in Construction Management emphasize ethical considerations within a variety of contexts as well as educate students of their role in an environment filled with persons of diverse backgrounds and talents. Students submit assignments where they must analyze the implications of trends on society and must practice in teamwork key concepts of cultural inclusivity and responsible interaction.

4. Demonstrate functional and operational skills relevant to the Construction Management field.
 - I. Apply engineering knowledge and technical skills in the content areas of Construction Management.

Progress: Students learn and apply the tools and operations of various engineering tools and design concepts as applied to real-world situations in business and industry. Students are required to complete comprehensive projects to demonstrate their knowledge of strategies, principles, and tools for Construction Management.

Enrollment History

The Construction Management program has tracked the following number of students in the program since its inception:

	FA18	SP19	FA19	SP20	FA20	SP21	FA21	SP22
CMG	24	26	43	44	50	47	45	44

VPAA Decision:

In its short five-year history as a program, the Construction Management B.S. has demonstrated impressive enrollment growth, from 24 to 44 students. Expecting high demand in the job market, especially in the wake of a retirement wave, the program follows and assesses its mission to prepare future construction professionals who have strong skills in communication, problem solving, and ethical decision-making. The program is in **good standing**.