

## Goals, Objectives, and Outcomes for the Construction Management Program

The goals of the construction management program are to:

- Prepare students for successful careers in the architecture, engineering, and construction (AEC) industry or related fields.
- Provide employers with a well-educated workforce that is ready and able to perform valuable construction management services immediately after graduation.
- Encourage the growth of knowledge-based industry and stimulate economic growth in Arkansas.

Program educational objectives are broad statements that describe what graduates are expected to attain within a few years after graduation. Program educational objectives are based on the needs of the program's constituencies. The educational objectives of the construction management program are to produce graduates who:

1. Rapidly become certified Construction Managers-In-Training (CMIT) and/or certified Associate Constructors (AC) employed in architecture, engineering, construction, or related fields or pursuing graduate or professional education in construction management, building construction, business, law, etc.
2. Become Certified Construction Managers (CCM) and/or Certified Professional Constructors (CPC) after gaining the required professional experience and the requisite knowledge to pass the certification exams.
3. Engage in lifelong learning, through on-the-job training, participation in professional societies, additional formal education, continuing education and professional development, research, and self-study, in order to use state-of-the-art knowledge to build safe and effective buildings and infrastructure and/or provide high quality service to the general public, employers, clients, and other professionals.

Student outcomes describe what students are expected to know and be able to do by the time of graduation. These relate to the knowledge, skills, and behaviors that students acquire as they progress through the program. The construction management program will produce graduates who have:

- a) an ability to apply knowledge of mathematics and applied and/or natural sciences to areas relevant to the discipline
  - b) an ability to design and conduct experiments, or test hypotheses, as well as to analyze and interpret data
  - c) an ability to formulate or design a system, process, procedure or program to meet desired needs
  - d) an ability to function on multidisciplinary teams
  - e) an ability to identify and solve technical or scientific problems
  - f) an understanding of professional and ethical responsibility
  - g) an ability to communicate effectively
  - h) the broad education necessary to understand the impact of technical and/or scientific solutions in a global and societal context
  - i) a recognition of the need for and an ability to engage in life-long learning
  - j) knowledge of contemporary issues
  - k) an ability to use the techniques, skills, and modern scientific and technical tools necessary for professional practice.
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