

Construction Management (CM) Quality Improvement Plan (QIP)

The Quality Improvement Plan serves as the foundation for continuous improvement of the Construction Management degree program. There are three major components to the plan:

1. Faculty internal assessment of major courses required for the degree
2. External constituent review and assessment of major courses and interns & employees graduating from our CM program
3. Action Plan to implement changes as a result of items 1 and 2

Background and History

The Construction Engineering Technology program began in 1957 in the Division of Industrial Arts in the College of Education and Psychology as an Architectural Drafting major at the Mississippi Southern College. Dr. Zed H. Burns, Chairman of the Division of Industrial Arts, initiated the program in response to the need for draftsmen by engineers and architects.

In 1960, architectural design was taught in six quarters and in 1962 the Architectural Drafting program increased the emphasis on architecture with nine quarters of architectural design. In 1966 the first of three courses in building construction were introduced.

In 1967, the name of the program was changed to Architectural Technology, and in 1970, the newly named Department of Industrial and Technical Education began teaching courses in building construction, drafting, and surveying. Many of the graduates of the program were employed by the construction industry and the curriculum evolved to accommodate this. Courses in mechanical and electrical systems for buildings were added to the curriculum in 1971. This was also the year in which the Department first taught professional practice and specifications.

In 1973 the industry was surveyed to determine their acceptance of technology programs such as industrial, mechanical, chemical, and construction. Eighty-two percent of those surveyed stated that they would employ graduates of these programs. As a result, the University formed a Center for Technological Studies in the new College of Science and Technology.

Building Construction Technology [BCT] first appeared in the 1974–75 catalog as one of the ten "career-oriented" programs of the college.

In 1976 two new academic departments were formed, the Department of Industrial Technology and the Department of Construction and Architectural Technology. Both departments later became part of the reorganized College of Science and Technology. The emphasis on construction management was reflected in the 1976 with the listing of courses in construction project management and construction planning and scheduling. Courses in soil mechanics and foundations, and concrete and formwork were added in 1979.

In 1988, the Department of Engineering Technology and the Department of Construction and Architectural Engineering Technology were merged to form the School of Engineering Technology. Construction Engineering Technology became one of six programs within the School (with the acronym BCT).

In 2004, three programs separated from the School of Engineering Technology to form a new School of Construction. They were Architectural Engineering Technology (ACT), Construction Engineering Technology (BCT), and Industrial Engineering Technology (IET).

In 2017, the School was renamed to the School of Construction + Design because of the focus on Architectural Design and the inclusion of Interior Design in 2008.

In 2019, the Construction Engineering Technology program was renamed to Construction Management.

Mission, Vision, and Core Values

Mission:

The mission of the Construction Management degree program is to provide relevant knowledge and technology for design, construction, engineering, and management education to serve the professional needs of the Construction sectors. To achieve its mission, the Construction Management degree program will provide a learning environment that fosters the development of critical thinking and ethical understanding of the knowledge and technology for the built environment and society at large.

Vision:

The Vision of the School of Construction & Design is to be the leading construction education program for the State of Mississippi and the region.

Core Values:

The following are core values held by the faculty and staff of the School of Construction and Design:

- Exemplify professionalism and ethical behavior in all we do
- Develop and Maintain outstanding relationships with the construction industry

Assessment Tools

Student Feedback

- Current students enrolled in major courses provide feedback at the end of the semester using Student Evaluation forms
- Students provide feedback to academic advisors during advisement or other scheduled appointment times
- The Director of the School of Construction and Design is available to meet with students one-on-one
- An exit survey will be given to graduating students when they complete their degree applications. The survey will include questions related to the students

perception of their readiness to enter the construction industry and their knowledge and capabilities in specific subject areas

Alumni Surveys

A survey will be made available to graduates who have been in industry at least a year. The survey will be in online format. The survey will provide data related to satisfaction with the program and areas of strength and weakness within the curriculum.

Employer Surveys

All students are required to complete an internship prior to graduating. The immediate supervisor of the intern will complete a survey to assess the student's performance in the completion of assigned tasks and duties.

Industry Advisory Council Course Reviews

The program's Industry Advisory Council meets once in the spring and once in the fall semesters. During these meetings, faculty present four major courses for review and feedback.

Construction Capstone Course

The Construction capstone course is a synthesis requiring and assessing the application of all the prior course content for the major. Focus content areas that are assessed include: estimating, scheduling, project management, safety, QA/QC, and project control.

Assessment Implementation Plan

Weave Online Assessment Plan

Industry Advisory Council Course Review