



Construction Management Program

Assessment Plan

The assessment plan will be used to measure program and student achievement relative to college and program mission and goals. It includes program assessment, curriculum assessment, individual course assessment, evaluation of faculty, and student employment.

Mission Statement

The mission of the Construction Management Program at Baton Rouge Community College is to identify and meet industry workforce needs through an innovative and dynamic curriculum.

Program Goals

The goals of the Construction Management Program are tied to the mission statement and include the following to prepare students for careers as construction managers:

- Maintain national accreditation and be committed to continuous program improvement
- Provide a curriculum that prepares students with the knowledge and skills of construction science and management for entry level positions
- Provide courses that develop problem solving skills and communication for effective management of construction projects
- Partner with industry to enhance curriculum and career opportunities
- Prepare students for professional growth and leadership through honesty, integrity, and ethical practices

Program Learning Outcomes

1. Apply effective communication, both orally and in writing.
2. Apply the skills to estimate quantities and costs for the bidding process in a construction project.
3. Apply the aptitude to schedule a basic construction project.
4. Apply current technology related to the construction process.
5. Apply the interpretation of construction documents (contracts, specifications, and drawings) used in managing a construction project.
6. Apply basic principles of construction accounting.
7. Apply basic surveying techniques used in building layout.
8. Understand basic principles of ethics in the construction industry.
9. Understand the fundamentals of contracts, codes, and regulations that govern a construction project.
10. Understand basic construction methods, materials and equipment.
11. Understand basic safety hazards on a construction site and standard prevention measures.
12. Understand the basic principles of structural design.
13. Understand the basic principles of mechanical, electrical and piping systems.

Program Learning Outcomes Assessment

The Construction Management program learning outcomes are assessed systematically each semester by an organized review by the construction management faculty. The Chair of Program Assessments, Mr. Gery Frie, and the office of Institutional Research produce the data digitally compiled in the Canvas learning management system. This data is sent to each program on an excel spreadsheet for a review of program outcomes. The learning outcomes are reviewed and adjustments to courses may be implemented to achieve both course and program learning outcomes.

Course Learning Outcomes Assessment

Individual course learning outcomes are assessed annually by the course coordinators with methods and measurements defined for each course. Each course learning outcome is programmed into canvas and an evaluation method is developed by the course instructor. The evaluation method may be a series of test question, a rubric developed by the instructor, a final project or similar method. These outcomes are compared to prior cycle results and must have a minimum score of 70%. Assessment data is used to revise delivery of course material for subsequent semesters, with the goal of improved assessments.

Graduate Surveys

Graduates are surveyed in the Spring of every odd year to collect data for employment and program comments. Data for employment include whether or not students are employed, whether they are employed in a construction related field, in what area of the industry are they working, and what their salaries are. They are also given the opportunity to evaluate how the BRCC Construction Management Program prepared them for initial employment and to comment on the program.

Employer Surveys

A survey is given to employers in the Spring of every odd year to provide feedback on graduates. The survey collects data on workforce readiness and student performance. Employers are also given the opportunity to comment on the program.