



Construction Management Program

Strategic Plan

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 support 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

Academic Quality Plan

The academic effectiveness of this program is based on the mission and the goals established for the program and is intended for use as information purposes to current and prospective students as well as continuous program improvement.

The quality of the program will be assessed with the following tools:

- Course outcomes assessments
- Program outcomes assessments
- Graduate surveys
- Employer surveys
- Curriculum reviews
- Faculty evaluations
- American Council for Construction Education (ACCE) Accreditation

The program will be assessed on a schedule in accordance with the BRCC assessment process as well as those assessment measures established by the program.

Continuous Improvement

The Construction Management Program (CMGT) at Baton Rouge Community College (BRCC) is engaged in continuous quality improvement guided by the CMGT program and the College. The program strives to prepare students for construction industry careers guided by the advice of the CMGT Advisory Council and local employers.

Goals and Objectives

The program's goals and objectives have been established with associated assessment tools that are used to provide guidance for program improvement. They are as follows:

Item or Activity	Measures of Success	Assessment Results as of August 2020
Maintain Accreditation by American Council of Construction Education (ACCE)	Accreditation	<p><i>Initial Accreditation was July 23, 2016. Following accreditation was one and three-year progress reports. Efforts are ongoing to maintain accreditation such as completion of the Self Evaluation Study and Visiting Team Coordination.</i></p>
Retained Students	Student retention measures	<p><i>Student retention rates remain a priority. Enhanced advising events, CMGT Club promotion, and CMGT specific tutoring sessions have been implemented to assist students with academic issues. Students employed full-time have requested more afternoon and evening class offerings of courses at the 200 level and we have addressed this by alternating course offerings in Spring and Fall semesters. The online course offerings were three courses prior to the COVID 19 crisis. With restrictions imposed after the COVID 19 event, all courses except CMGT 2353 (Surveying) were offered 100% online.</i></p> <p><i>Additionally, students have moved to LSU's CM program prior to receiving the AAS Degrees from BRCC. Students are eligible for a 'reverse transfer' degrees to grant these students AAS degrees from</i></p>

		<p><i>BRCC if they complete the requirements of the BS degree in CM from LSU.</i></p> <p><i>Efforts to explore the creation of a transfer certificate are underway. A certificate would be awarded to students who complete either 30 or 45 hours in the CMGT Certificate curriculum with the intent on transferring to a four-year institution. The concept was presented to the Advisory Council and they requested more coordination and development of the concept.</i></p>
Graduation Rates	Total Number of Graduates	<p><i>Graduation head counts have increased from the initial number of 13 for the 2010-2011 year to 30 for the 2018-2019 academic year. This rate is expected has remained steady as the average number of students. With efforts to improve retention and student recruitment as noted above, we anticipate the number of graduates to increase also.</i></p>
Student Employment	Local employers support hiring BRCC CMGT students for part-time and full-time employment opportunities	<p><i>Local employers are supportive of BRCC CMGT students. Student exit surveys indicate a high employment rate for students who will continue their education and work part-time as well as those who have secured full-time employment.</i></p>

<p>Employer Surveys</p>	<p>Ratings of less than '4' or a negative Preparedness Importance</p>	<p><i>Surveys for employers were established through BRCC's Institutional Research section and were sent to employers of graduates. The employer response was difficult to obtain and additional measures to gain this information is needed. Ratings that fall below '4', a negative Preparedness Importance rating and comments are used to improve course content and delivery. These surveys, along with other measuring tools, are used by the education committee for curriculum improvement.</i></p>
<p>Alumni Survey</p>	<p>Ratings of less than '4' or a negative Preparedness Importance</p>	<p><i>A graduate survey completed October 2019 did provide valuable data that was used in the continuous improvement process. This survey is scheduled again in Oct 2021 in accordance with the Strategic Planning Program Evaluation Process. Ratings that fall below '4', a negative Preparedness Importance rating and comments are used to improve course content and delivery. These surveys, along with other measuring tools, are used by the education committee for curriculum improvement.</i></p>
<p>Course Outcomes Assessments</p>	<p>Various survey tools with scores 70% and above</p>	<p><i>Courses are assessed each semester by the instructors teaching the courses. Assessment tools are designed to broadly assess course Learning Outcomes. Most assessments meet the minimum score of 70% score with the majority in the 80-90% range. Course assessments are input into Canvas and linked to the program outcomes. This linkage is automatically compiled into program learning outcomes.</i></p>

<p>Program Outcomes Assessment</p>	<p>Program Outcomes Review completed</p>	<p><i>The most recent program review was completed in the Fall 2019 semester as part of a college wide initiative for all programs. The data provided by the Chair of Program Assessments, Mr. Gery Frie and Institutional Research (IR) was used to complete the review. The data is compiled from course outcomes linked to the program outcomes. These outcomes were reviewed and will continued to be reviewed for program improvement.</i></p>
<p>Faculty Evaluations</p>	<p>Faculty evaluations that result in ratings of meet or exceed expectations</p>	<p><i>All faculty, both full-time and adjuncts, are evaluated per college guidelines. Ratings of meet or exceed have been received on all faculty.</i></p>
<p>Faculty Professional Development</p>	<p>Faculty meet or exceed recommended professional development hours</p>	<p><i>All faculty are required to meet a minimum requirement of professional development activities for each academic year. Examples of recent activities include college offerings for Canvas learning management application and safety training sessions. Instructors have also attended construction based professional development such as online AutoCad classes, On Screen Takeoff Training, and PlanGrid application training.</i></p>
<p>Student Course Evaluations</p>	<p>Student participation in evaluations that include comments for the course and instructors</p>	<p><i>Each course is subject to the online student evaluation process, students are encouraged to participate. Results are used to improve course content and delivery of material in the individual courses. Also, some instructors administer course specific evaluations to solicit specific course feedback which is used to improve the course.</i></p>

<p>Student Activities and Achievement</p>	<p>Number of students participating in the CMGT Club and service activities.</p>	<p><i>The number of students participating in the CMGT Club has steadily increased as has interest in participating as Club leaders. The 2017-2018 Student Government Association President was a Construction Management Student. Students have been recognized by employers and have received scholarships.</i></p>
<p>Advisory Council</p>	<p>Active participation from Advisory Council members</p>	<p><i>We are fortunate to have a Council that includes many local construction industry leaders. They guide our program with their comments and support our students as guest lecturers, and offer field trips and employment opportunities. Our Advisory Council has been instrumental in the annual donations from the Contractor's Education Trust Fund (CETF).</i></p>
<p>Career Fairs</p>	<p>Number of companies and students participating</p>	<p><i>Students are invited to participate in the general career fair sponsored by the BRCC Career Services department each semester. The CMGT program organized a networking event each Spring semester to bring construction industry employers and students together to promote the program to employers and to allow students the opportunity to explore career options and current opportunities.</i></p>