



DEPARTMENT OF BUILDING CONSTRUCTION MANAGEMENT

Accredited by the American Council for Construction Education (ACCE)
126 Total Credit Hours

<p style="text-align: center;">First Semester</p> <p>3 BCM 10001 Introduction to Construction</p> <p>2 CGT 16400 Graphics for Civil Engineering & Construction</p> <p>3 *MA 15800 Pre-Calculus – Functions & Trigonometry</p> <p>4 ENGL 10600 English First Year Composition</p> <p>3 TECH 12000 Technology & The Individual</p> <p>15 Credit Hours</p>	<p style="text-align: center;">Second Semester</p> <p>4 BCM 17500 Construction Materials and Methods</p> <p>2 BCM 11201 Construction Surveying Fundamentals</p> <p>3 MA 22100 Calculus for Technology I</p> <p>3 OLS 27400 Applied Leadership</p> <p>3 COM 11400 Fundamentals of Speech Communication</p> <p>15 Credit Hours</p> <p>Work Experience</p>
<p style="text-align: center;">Third Semester</p> <p>3 BCM 21200 Construction Layout</p> <p>3 BCM 21500 Mechanical Construction</p> <p>3 BCM 27500 Construction Plans and Measurements</p> <p>4 PHYS 21800 General Physics</p> <p>3 Human Relations Selective (see reverse side)</p> <p>16 Credit Hours</p>	<p style="text-align: center;">Fourth Semester</p> <p>2 BCM 25001 Construction Project & Administrative Mgmt</p> <p>2 BCM 21601 Electrical Construction</p> <p>4 BCM 28500 Construction Mechanics</p> <p>3 MGMT 20010 Introductory Acctg for Non-Majors</p> <p>4 Lab Science Selective (see reverse side)</p> <p>3 General Education Elective</p> <p>18 Credit Hours</p> <p>Work Experience</p>
<p style="text-align: center;">Fifth Semester</p> <p>3 BCM 34500 Scheduling</p> <p>3 BCM 37500 Estimating</p> <p>3 Technical Elective</p> <p>3 BCM 38000 Concrete Construction</p> <p>3 TECH 32000 Technology and the Organization</p> <p>15 Credit Hours</p>	<p style="text-align: center;">Sixth Semester</p> <p>2 BCM 30101 Introduction to Construction Company & Financial Management</p> <p>3 BCM 35000 Construction Site Planning</p> <p>2 BCM 38501 Soils in Construction</p> <p>2 BCM 45701 Construction Safety</p> <p>3 BCM Elective</p> <p>3 MGMT 45500 Legal Background for Business I</p> <p>15 Credit Hours</p> <p>Work Experience</p>
<p style="text-align: center;">Seventh Semester</p> <p>2 BCM 35501 Construction Site Supervision</p> <p>3 BCM 47500 Construction Costs</p> <p>3 BCM 45500 Construction Business & Contracts</p> <p>3 ENGL 42000 Business Writing or</p> <p>ENGL 42100 Technical Writing</p> <p>3 ECON 21000 Principles of Economics</p> <p>3 Technical Elective</p> <p>17 Credit Hours</p>	<p style="text-align: center;">Eighth Semester</p> <p>3 BCM 48701 Construction Capstone</p> <p>3 TECH 33000 Technology & the Global Society</p> <p>3 BCM Elective</p> <p>3 STAT 30100 Statistical Methods or</p> <p>IT 34200 Introduction to Statistical Quality</p> <p>3 Communication Selective (see reverse side)</p> <p>15 Credit Hours</p> <p>Work Experience</p>

1. **Work Experience, Communication Selective, General Education Elective, Human Relations Selective, Science Selective, BCM and Technical Electives:** See reverse side
2. **All BCM courses require a grade of “C-” or better. MA 158 with a grade of “C-” or better is required for BCM classes above BCM 100.**
3. **Plan of study effective Fall 2012**

*** Note: Students may have to take MA 15300 (Algebra & Trig I – 3 cr.) first, depending on their math readiness. The pre-requisite for MA 15800 is an ALEKS score of at least 50 or a grade of C- or better in Math 15300. MATH 15300 plus MATH 15400 can be taken in place of MATH 15800.**

Note: An assumption is made that students are already proficient in Microsoft Office – Word, Excel, PowerPoint, and Access. If not, the student should consider taking CS 110 (Introduction to Computers – 3 cr. hours) during their first semester.

GENERAL EDUCATION ELECTIVE: A course from the humanities or social sciences.

BCM ELECTIVE: Any non-required BCM class.

TECHNICAL ELECTIVE: Any course within the College of Technology, Engineering, Management, or other approved classes which meet the student's career goals.

HUMAN RELATIONS SELECTIVE

- PSY 120 Elementary Psychology
- SOC 100 Introductory Sociology
- OLS 252 Human Behavior in Organizations (required if minoring in Organizational Leadership & Supervision)

COMMUNICATION SELECTIVE

- COM 314 Advanced Public Speaking
- COM 315 Speech Communication of Technical Information
- COM 318 Principles of Persuasion
- COM 320 Small Group Communication
- COM 324 Introduction to Organizational Communication
- COM 325 Interviewing: Principles and Practice
- COM 415 Discussion of Technical Problems
- AGECE 331 Principles of Selling in Agricultural Business

SCIENCE SELECTIVE

- PHYS 219 General Physics II
- CHM 115 General Chemistry

CONCENTRATIONS

Students desiring to have a concentration designated on their transcripts should consult with the appropriate concentration coordinator. Students may be limited to one concentration depending on space availability. BCM Concentrations are:

Electrical Construction Management (ELCM)

- BCM 316 Electrical Construction Estimating
- BCM 417 Design/Build for MEP Contractors
- Electrical Concentration Selective – Pick one of the following: BCM 317, BCM 419/581, CGT 360, CGT 460, BCM 430

Residential Construction Management (RSCM)

- BCM 360 Residential Construction
- BCM 461 Residential Design Build
- Residential Concentration Selective – Pick one of the following: BCM 361, BCM 362, BCM 412, BCM 460, AD 450, AGECE 331, CGT 360, LA 150, LA 151, LA 152

Healthcare Construction Management (HLCM)

- BCM 340 Intro. to Healthcare Construction Mgmt.
- BCM 341 Advanced Healthcare Construction Mgmt.

Mechanical Construction Management (MCNM)

- BCM 315 Mechanical Construction Estimating
- BCM 417 Design/Build for MEP Contractors
- Mechanical Concentration Selective – Pick one of the following: BCM 317, BCM 419/581, CGT 360, CGT 460, BCM 430

Demolition and Reconstruction Management (DEMR)

- BCM 330 Intro. to Demolition & Reconst. Mgmt.
- BCM 331 Advanced Demolition and Reconstruction Management

Disaster Restoration & Reconstruction Management (DRRM)

- BCM 320 Intro. to Disaster Rest. & Reconst. Mgmt.
- BCM 321 Disaster Restor. & Reconst. Proj. Mgmt.
- BCM 421 Disaster Restor. & Reconst. Indust. Prob.

CONSTRUCTION WORK EXPERIENCE

A minimum of 800 hours of post high school construction work experience is required for graduation with a baccalaureate degree. Summer construction jobs, BCM internships, or BCM Co-op programs may be used to satisfy this requirement. To document your work hours, go to the BCM website and look for Work Experience Folder. That will bring up a Word file with directions for you to follow. Concentrations require 400 hours of work experience within the concentration.

PROGRESSION POLICY

Students must meet the following requirements to progress in the BCM major. Failure to meet these standards will require the student to CODO out of the BCM Department. BCM majors must earn a grade of "C-" or better in all BCM courses and all courses that are a prerequisite to a BCM course. The "C-" grade must be earned before enrolling in subsequent courses. BCM courses can be repeated only once.

Appeal

Students that are not allowed to continue with BCM courses due to the Progression Policy may make a written appeal to the Department Head of Building Construction Management if they believe there are extenuating circumstances that caused them to be dropped from the department.

Departmental Policy

It is the responsibility of each student to assure that he or she fulfills the necessary pre-requisites and courses to meet graduation requirements. Questions may be directed to a BCM advisor.