Construction Management BS

Required General Education
ECON 201 Principles of Macroeconomics (3)
ECON 202 Principles of Microeconomics (3)
ENG 101 Composition [4]
MATH 115 Precalculus Mathematics (4), OR
MATH 112 (4) and 113 (3)
STAT 154 Elementary Statistics (3)

Select at least eight (8) Credits from the classes below:

Choose at least one:
PHYS 101 Introductory Physics (3) OR
PHYS 211 Principles of Physics I (4)

And choose remaining credits from:
CHEM 201 General Chemistry I (5)
GEOI 100 Our Geologic Environment (4)

Completion of the above GE courses does not completely satisfy General Education requirements.

Major Common Core (45 credits)
CM 111 Intro to Construction Management (1)
CM 120 Construction Graphics (3)
CM 130 Construction Documents (3)
CM 210 Construction Methods and Materials I (3)
CM 220 Construction Methods and Materials II (3)
CM 271 Civil Engineering Measurements (2)
CM 300 Construction Safety (3)
CM 310 Estimating I (3)
CM 330 Planning and Scheduling (3)
CM 340 Project Management (3)
CM 350 Mechanical and Electrical Systems (3)
CM 390 Structural Analysis (3)
CM 410 Estimating II (3)
CM 450 Project Development (3)
CM 492 Construction Management Seminar (3)
CM 497 Internship (3)

Major Restricted Electives (31 credits)
ACCT 200 Financial Accounting [3]
ACCT 210 Managerial Accounting (3)
BLAW 200 Legal, Political & Regulatory Envr of Business (3)
BLAV 476 Construction and Design Law (3)
ENG 271 Technical Communication [4]
ISYS 101 Introduction to Information Systems (3)
MET 222 Intro. to Statics and Mechanics of Materials (3)
MGMT 200 Introduction to MIS (3)
MGMT 330 Principles of Management (3)

Select one of two classes
FINA 362 Business Finance (3)
MRKT 310 Principles of Marketing (3)

Required Minor: None.

The above course requirements are based on the 2010-2011 Undergraduate Bulletin.

A Look at Minnesota State Mankato

The mission of Minnesota State Mankato is to promote learning through effective undergraduate and graduate teaching, scholarship and research in services to the state, the region and the global community. The University is located on 354 acres overlooking the Minnesota River valley. There are approximately 14,500 students enrolled at Minnesota State Mankato and 1300 faculty and staff. More than 500 of these students are international students representing 66 countries. The University is comprised of six academic colleges.

A member of the Minnesota State Colleges and Universities System, Minnesota State Mankato is an Affirmative Action/Equal Opportunity University. This document is available in alternative formats to individuals with disabilities by calling the College of Science, Engineering & Technology at 507-389-5998 (V), 800-627-3529 (T), 711 (MRS/TTY) or the MN Relay 1-800-653-3377. SETC86BR 1109
What is Construction Management?

Construction management is project management for the built environment, such as roads, bridges, neighborhoods, schools, hospitals, homes and industrial facilities. It involves coordinating labor, equipment, materials, time and money, which translates the work of architects and engineers into tangible results. Construction is a trillion dollar industry that represents approximately 12 percent of the GNP and represents over 6 percent of all private sector jobs. The construction industry needs people with creative minds, entrepreneurial spirits, determined attitudes and resourceful problem-solving skills to build the future.

Construction Management Program

The mission of the Construction Management program is to advance world-class project management for the built environment through effective teaching, research and service.

The Construction Management program at Minnesota State University, Mankato was established in 1973, and is recognized as a leader in Construction Management education. Its unique program comes from an interdisciplinary curriculum which integrates technical skills, business administration and construction management. The Construction Management degree program allows one to:

- Learn to manage projects from start to finish
- Learn current technology that supports the construction industry
- Learn different aspects of the construction industry
- Develop a business background
- Learn on the job while completing internship requirements.

Career Opportunities

There is currently a strong demand for Construction Management graduates.

Many of our graduates find employment with residential, commercial, highway, industrial or trade contractors. Facility management firms and material suppliers also hire Construction Management graduates. Typical entry-level positions include field manager, assistant superintendent, project engineer, scheduler, assistant estimator, project cost controller and safety director.

Faculty and Learning Facilities

All faculty members have worked in the construction industry and remain engaged in consulting with contractors and associations. Faculty also participate in national and international collaboration efforts. All full-time faculty hold advanced degrees.

Students

Approximately 2500 undergraduate and 150 graduate students are currently enrolled in the College of Science, Engineering, and Technology (CSET). Most of the students are Minnesota residents (81%). The remaining students are from outside the state (11.5%) and from foreign countries (7%).

Internships

An internship is required in order to integrate academic preparation with the professional field. Construction Management internships may be regional, national, or international, offering a wide variety of professional experiences.

Scholarships

Several scholarships are offered through the university, College of Science, Engineering and Technology, professional and private organizations, and the Construction Management department. Information on eligibility, as well as applications may be obtained by visiting www.mnsu.edu/campushub/scholarships/ or cset.mnsu.edu/sacc/scholarships/.

In addition to scholarships, an extensive program of student financial aid is offered to assist students in meeting the costs of attending the university. Financial aid can be awarded to students in the form of grants, loans, or part-time employment. Detailed information and instructions on all financial aid programs may be obtained from the Office of Student Financial Services, 109 Wigley Administration Center, Minnesota State University, Mankato, 56001. Phone 507-389-1185; MRS/TTY 800-627-3529 or 711.

Student Organizations

The Construction Management Student Association (CMSA) hosts many programs and participates in activities such as:

- Annual golf outing
- Annual Texas hold em tournaments
- Annual career fair
- Picnics and other social gatherings

Travel to industry competitions provides students with both professional and social opportunities. CMSA is affiliated with Associated General Contractors, Associated Builders and Contractors, National Association of Home Builders, and Associated Schools of Construction.

Approximately 250 students are enrolled in the Construction Management Program.

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