Graduating students should be able to

1. Demonstrate an ability to apply knowledge of mathematics, science, and applied science to a construction-related topic.

2. Demonstrate an ability to analyze and interpret data applied to a construction design problem or experimental design concept.

3. Demonstrate an ability to formulate or design a system, process, or program to meet a desired need.

4. Demonstrate an ability to function within the industry as an individual and as a part of a multidisciplinary team.

5. Demonstrate an ability to solve industry-related problems.

6. Demonstrate an understanding of professional and ethical responsibility.

7. Demonstrate an ability to communicate effectively.

8. Complete a broad-based education necessary to develop an understanding of the impact of decisions and solutions in a global or societal context.

9. Develop an understanding for the need for and the ability to engage in lifelong learning.

10. Develop a knowledge of contemporary issues affecting the construction industry.

11. Develop an ability to use the techniques, skills, and modern scientific and technical tools necessary for professional practice.
From the earliest, most primitive shelters to complex, modern construction projects, methods and technologies have changed to keep pace with requirements. Shelters have evolved into buildings of various shapes and countless different functions. The construction industry is one of the largest industries in the U.S. and creates a demand for highly trained professionals.

Land Development/Residential Building (LD/RB) is a concentration in the four-year Bachelor of Science degree in Construction Management.

The LD/RB program prepares graduates for entry-level management. A broad background is achieved through a variety of activities—lectures given by those in the industry, field trips, and hands-on activities both in the classroom and in the field. Creativity and communication skills necessary to meet industry challenges now and in the future will be practiced as students progress through the program.

This program is designed to prepare graduates for supervisory or staff positions in a variety of construction-related businesses (land development, construction firms, wholesalers of construction materials, construction material manufacturing, lumberyards, etc.). Employment opportunities include general supervision, project management, sales and marketing, production and inventory control, quality control, estimating, scheduling, land development, etc.

For more information, contact
Dr. David Hatfield
MTSU Box 153
Murfreesboro, TN 37132
(615) 898-2781
david.hatfield@mtsu.edu

www.mtsu.edu/et/

General Education

All candidates for baccalaureate degrees must meet General Education requirements regardless of the department, college, or school in which they pursue their majors. These requirements total 41 semester hours in Communication, Humanities and/or Fine Arts, Social/Behavioral Sciences, Natural Sciences, Mathematics, and History.

Students must complete 120 semester hours with a cumulative grade point average of 2.00 and a grade of C (2.00) or better in all Construction Management courses in order to graduate.

Core Curriculum for the Bachelor of Science in Construction Management

In addition to the General Education requirements, students in Engineering Technology concentrations must complete the following:

Core curriculum courses

- ET 2310 Computer-Assisted Drafting/Design I
- ENGR 3920 Engineering Safety
- ENGR 3915 Technical Project Management and Soft Skills
- ENGR 3970 Engineering Economy

Land Development/Residential Building Concentration Courses

- CMT 1100 Introduction to Construction Systems
- CMT 3150 Residential Building Construction and Materials I
- CMT 3160 Cost Estimating I
- CMT 3190 Construction Land Development Operations
- CMT 3195 Sustainable Construction
- CMT 3210 Residential Codes, Regulations, Specifications, and Plan Reading
- CMT 3320 Architectural Computer-Aided Drafting and Design
- CMT 3500 Land Surveying
- CMT 4010 Construction Law
- CMT 4100 Mechanical and Electrical Systems
- CMT 4110 Cost Estimating II
- CMT 4120 Scheduling
- CMT 4130 Construction Administration
- CMT 4170 Capstone—LDRB Construction Management

Suggested areas for the optional minor are Business Administration, Economics, or Marketing.

Related Courses

- ACTG 3000 Survey of Accounting for General Business
- INFS 2200 Introduction to Microcomputing
- MKT 3820 Principles of Marketing
- FIN 3030 Principles of Real Estate
- SPAN 1010 Elementary Spanish I

Admission and Fees

Admission requirements for the Construction Management program are the same as admission requirements to MTSU. Contact Admissions at (615) 898-2111 or 1-800-331-6878 if calling from Tennessee or 1-800-433-6878 if calling from out of state. For information about tuition and fees, contact the Business Office at (615) 898-2761.

Financial Aid

Scholarships and grants are available to qualified students. Apply through the Office of Financial Aid, (615) 898-2830.