MASTER OF CONSTRUCTION ENGINEERING MANAGEMENT
In today's construction industry, business is booming. You drive by the evidence every day – new homes, offices, bridges, highways, airports, stadiums – even entire new communities. If you seek to advance in the building industry, consider a master's degree in construction engineering management at Lawrence Tech.

Lawrence Tech's construction engineering management degree offers you a unique combination of civil engineering and MBA coursework so vital to this highly specialized field. You'll be exposed to project management, financial, personnel, legal, environmental, and other issues that distinguish success in modern construction practice. Convenient evening classes offered one night per week help you balance career and family obligations as you advance to your degree.

The strong reputations of Lawrence Tech's Colleges of Engineering and Management combined into a multidisciplinary educational program can provide you well-rounded training with a distinct combination of marketable skills.

“The emphasis of Lawrence Tech's MCEM program on business as well as engineering provides students with a much broader base of knowledge to deal with the ever-changing construction industry. A construction professional must possess the communication, teamwork, technical, and management skills necessary to work closely with a wide range of individuals such as tradesmen, subcontractors, architects, and clients.”

- Clifford P. Kazmierczak, Vice President and Operations Manager, Turner Construction Company
“As construction professionals, we need continuous education to build upon the foundation of our careers and successes. The Lawrence Tech master’s program couples theory with practice in a coordinated manner that enhances the opportunities for its students in our industry.”

- James J. Cole, AIC, CPC, Executive Vice President, Etkin Skanska Inc.

Academic Program

MCEM degree requirements, from both the Department of Civil Engineering and the MBA program at Lawrence Tech, consist of 30 credits including 18 credits of required core courses, six to nine credits of management electives, and three to six credits of technical electives. Graduate courses from civil engineering or other related fields may be applied toward the technical electives requirement. Selected courses must be pre-approved by your program advisor. In cooperation with the College of Management, up to 12 credits of the MCEM degree can be applied toward Lawrence Tech’s MBA program.

Core Courses
- Project Management Techniques
- Techniques of Project Planning and Control
- Advanced Construction Techniques and Methods
- Construction Accounting and Finance
- Risk Management and Personnel
- Construction Law

Management Electives
Selected courses must be pre-approved by the MCEM program director and the College of Management. Suggested courses include:
- Leadership/Management
- Perspectives in International Business
- Business Strategies/E-Commerce
- Leading Organizational Change
- Human Resources Management
- Management and Organization Development
- Managing the Project Organization
- Management Information Systems
- Operations Management

Technical Electives
- International Construction
- Advanced Cost Estimating Techniques
- Special Topics in Construction Engineering
- Sustainable Construction Practices
- Environmental Management
- Graduate Directed Study

“The option of Lawrence Tech’s new MCEM degree definitely helps students make the connection between the business and construction worlds. Getting the two perspectives married in one degree makes good sense. Our company, and our industry, needs more business-oriented builders.”

- Douglas Maibach, P.E., Group Vice President, Barton Malow Company
LAWRENCE TECH IN BRIEF

Lawrence Tech’s College of Engineering has historically provided the largest percentage of the baccalaureate engineers each year in Southeastern Michigan. Academic programs are designed to meet the needs of students who hold jobs while attending college. The College’s population of part-time working students places it among the largest evening undergraduate engineering programs in the nation. The College is comprised of four departments – civil, electrical and computer, mechanical, and engineering technology.

A recent survey of the University’s College of Management graduates ranked it among the top programs in the nation in terms of student satisfaction. Lawrence Tech’s College of Management enrolls some 900 students and offers traditional and weekend MBA, M.S. in Industrial Operations, and M.S. in Information Systems programs, as well as a B.S. in Information Technology, and a Doctor of Management in Information Technology.

Named a "Best Value" by U.S. News & World Report, Lawrence Technological University offers nearly 50 undergraduate and graduate degree programs in Colleges of Architecture and Design, Arts and Sciences, Engineering, and Management. Lawrence Tech pioneered the offering of day and evening classes 70 years ago, and now has a growing number of weekend programs. The University’s full-service 115-acre campus in Southfield offers a complete range of modern academic, residential, and recreational facilities along with plenty of free parking.

NOTICE OF NON-DISCRIMINATORY POLICY

Lawrence Technological University adheres and conforms to all federal, state, and local civil rights regulations, statutes and ordinances. No person, student, faculty, or staff member will knowingly be discriminated against relative to the above statutes. LAWRENCE TECHNOLOGICAL UNIVERSITY IS AN EQUAL OPPORTUNITY EMPLOYER.