

INDUSTRIAL TECHNOLOGY > CONSTRUCTION MANAGEMENT

Take a look out the window as you drive down the street. All around you are buildings that have stood the test of time, as well as new buildings popping up in urban and rural areas. As new businesses need new facilities and the population continues to grow, buildings are necessities. Contractors, engineers, and surveyors are needed in addition to construction crews to make these places a reality. Careers in commercial, residential, and civil construction are possible with the construction management degree program at Wayne State College. You'll get a balance of construction technology courses, business management courses, and the opportunity for internships with contractors throughout the program. You'll learn computer-aided design (CAD), surveying, estimating, scheduling, OSHA safety, sustainability, and climate and energy control. Pair these courses with some business classwork along the way, and when you graduate, you'll be ready to take on a career in construction management.

fast facts

Hours:

63 hours for concentration
30 hours in general education

At least 120 hours are required for graduation from Wayne State College. You may add electives or a minor to help meet these requirements.

Degrees offered: B.A. or B.S.

Department: Technology and Applied Science

School: Business and Technology

Internship: Required for credit toward your degree

Popular pairings: Safety Management, Drafting and Design, Manufacturing Management, Business Administration

focus on results

Skills Learned

- Manufacturing processes and systems
- Drafting and design
- Construction systems and technology
- Residential / technical drawing with computer-aided design (CAD) software
- Cabinetmaking and millwork
- Manufacturing technology
- Power, energy, and transportation systems
- Electronics and electricity
- Management software applications

Possible Careers

- Construction manager
- General contractor
- Project manager
- Drafter
- Building inspector
- Construction safety supervisor
- Property or facility manager
- Superintendent
- Carpenter
- Equipment manager
- Construction estimator

Types of Employers

- Construction companies
- Architecture firms
- Engineering firms
- Infrastructure companies
- Government / federal agencies
- Fabrication companies
- Schools, colleges, and universities
- Transportation companies
- Power and utility companies
- Self-employed contractor

outside the classroom



Visit www.wsc.edu/clubs to learn more about clubs and organizations on campus.

Activities / Opportunities

- Construction and manufacturing facility tours
- Peer tutoring and mentoring
- Service-Learning

Clubs / Organizations

- American Society of Safety Professionals
- Drafting and Design Club
- Epsilon Pi Tau
- SkillsUSA

Sample program of study

2022-23 Academic Year

Every effort is made to ensure this information is current, but please be aware that some content may have changed. There is no substitute for developing a careful course registration plan in consultation with your advisor. The class sequence listed is suggested only. The final decision rests with the student and academic advisor.

Freshman

ENG 102 Composition Skills (General Studies CAT 1).....	3
ITE 111 Introduction to Safety.....	3
ITE 114 Intro to Applied Engineering.....	3
ITE 205 Introduction to Manufacturing Technology.....	3
ITE 214 Residential Drawing.....	3
MAT 118 College Math for ITE.....	3
PHS 102 Physical Science Today (General Studies CAT 7).....	3
General Studies	

Sophomore

BUS 208 Business Communications.....	3
ITE 211 Architectural and Industrial Finishing.....	3
ITE 367 Building Climate, Energy Control, and Sustainability.....	3
ITE 390 Project Bidding and Estimating.....	3
MAT 110 Contemporary Applications of Math (General Studies CAT 3).....	3
SPA 110 Elementary Spanish 1 (General Studies CAT 2).....	3
Elective, minor, and/or second major	
General Studies	

Junior

ITE 301 Construction Safety.....	3
ITE 304 Surveying and Print Reading.....	3
ITE 308 Construction Technology.....	3
Elective, minor, or second major	
General Studies	

Summer

ITE 497 Construction Management Internship.....	3
---	---

Senior

BUS 471 Principles of Supervision.....	3
CIS 477 Project Management.....	3
ITE 438 Commercial Construction (prerequisite: ITE 404).....	3
Elective, minor, and/or second major	
General Studies	

construction management faculty



Visit www.wsc.edu/tas to learn more about the Department of Technology and Applied Science.

Dan Mitchell, MSE

Department Chair

Center for Applied Technology 104B

402-375-7424

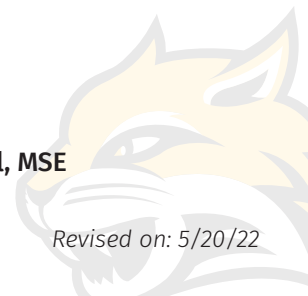
damitch1@wsc.edu

Jeff Allen, Ed.D.

Dave Hix, MSE

Al Lindsay, MSE

Greg Vander Weil, MSE



Revised on: 5/20/22