

MORE INFORMATION

Systems Management (12)

- TECH 544 – Production Control Systems (3)
- TECH 560 – International Industrial Competition:
U.S. Impact and Strategies (3)
- TECH 562 – Industrial Systems Management (3)
- TECH 694 – Industrial Project Management (3)

Technical Logistics (12)

- TECH 529 – Plant Location, Layout, and
Materials Handling (3)
- TECH 543 – Engineering Economy (3)
- TECH 544 – Production Control Systems (3)
- TECH 592 – Manufacturing Distribution
Analysis (3)

Traffic Safety Education (15-16)

- TECH 539 – Advanced Traffic Safety Education
Practices (3)
- TECH 633 – Practicum in Traffic Safety
Education (3)
- TECH 635 – Seminar in Safety (6)
- TECH 636 – Principles of Traffic Safety
Education (3)

CONTACT

Department of Technology

College of Engineering and
Engineering Technology

Northern Illinois University
DeKalb, IL 60115

Telephone: 815-753-1349

www.niu.edu/tech

GRADUATE SCHOOL

www.grad.niu.edu

gradsch@niu.edu

815-753-0395



**Northern Illinois
University**

**GRADUATE STUDY
INDUSTRIAL MANAGEMENT**

www.niu.edu/tech

Northern Illinois University is an equal opportunity/affirmative action institution and does not discriminate on the basis of race, color, religion, sex, age, marital status, national origin, disability, status based on the Victims' Economic Security and Safety Act (VESSA) or status as a disabled or Vietnam-era veteran. Further, the Constitution and Bylaws of Northern Illinois University provides for equal treatment regardless of political views or affiliation, and sexual orientation.

Produced by Northern Illinois University Public Affairs and Document Services.
Printed by authority of the State of Illinois. www.niu.edu 4/11 51681

ABOUT THE PROGRAM

The Master of Science with an emphasis in Industrial Management prepares students to assume leadership roles in technical fields in manufacturing industries.



The Department of Technology offers a unique graduate studies program leading to the Master of Science degree with a major in Industrial Management. The degree is uniquely designed with working professionals in mind, offering flexible course work at many locations.

The objective of the graduate program is to advance competencies achieved at the baccalaureate level and to prepare students to assume leadership positions in technical fields in manufacturing industries.

Each course completed in the program stresses unique issues that today's technical leader will encounter. The program is flexible in that one can select courses that fulfill the needs of the individual and their industrial goals. In addition, courses are taught in the evening or online, thus catering to a working individual's schedule.

Course Formats

The M.S. program in Industrial Management seeks to achieve convenience in location and timing of our course offerings. Most courses are scheduled one night per week from 6-9 p.m. Classes can be taken at NIU Rockford, NIU Naperville, and NIU Hoffman Estates — all comfortable, conveniently located facilities that use state-of-the-art instructional

technology to enhance teaching and learning. In addition, the degree is offered on the campus in DeKalb, Illinois.



Instructors

All courses are taught by experts in their field who understand the focus and commitment of working professionals and are equally dedicated to helping their students attain individual educational goals.

Requirements

Admission to the graduate program in Industrial Management requires a baccalaureate degree in engineering, technology, or industrial education. Consideration for program admission may also be given to applicants with degrees in related areas who have appropriate industrial experience. With the approval of the Department of Technology, the GRE requirement may be waived for applicants on the basis of significant work experience. Students should review the admission and graduate degree requirements in the *NIU Graduate Catalog*. Admission decisions are normally made within three weeks of submission of complete application dossier. The NIU Graduate Catalog and application are available at www.grad.niu.edu/grad/apply/.

A student seeking to qualify for the Master of Science degree in Industrial Management must complete a minimum of 30 semester hours of graduate level coursework.

Requirements (30)

All of the following (12)

TECH 500 – Research in Industry and Technology (3)

TECH 535 – Legal Aspects of Safety (3)

TECH 562 – Industrial Systems Management (3)

TECH 694 – Industrial Project Management (3)

General Program Requirements

Technical Systems Management Electives and Thesis Option (18)

Graduate course work approved by advisor related to student's professional objectives from courses taken within the Department of Technology (18), a minimum of which 12 semester hours to be taken in the Department of technology.

OR

Graduate course work approved by advisor related to student's professional objectives from courses within the Department of Technology (12), a minimum of which 6 semester hours to be taken in the Department of Technology and TECH 699B, Master's Thesis (6).

Graduate Certificates

The Department of Technology offers six certificates of graduate study designed to help students deepen their expertise in a specific knowledge area by completing four courses on that topic.

Environmental Health and Safety (12)

TECH 532 – Disaster Preparedness (3)

TECH 535 – Legal Aspects of Safety (3)

TECH 540 – Monitoring and Evaluation

Exposures to Hazardous Materials (3)

TECH 634 – Behavioral Factors in Safety (3)

Industrial Project Management (12)

TECH 550 – Leadership Theories and Techniques (3)

TECH 562 – Industrial Systems Management (3)

TECH 593 – High-Performance Teaming (3)

TECH 694 – Industrial Project Management (3)

Industrial Workplace Design Systems (12)

TECH 529 – Plant Location, Layout, and Materials Handling (3)

TECH 542 – Work Simplification and Measurement (3)

TECH 544 – Production Control Systems (3)

TECH 581 – Ergonomics (3)