

Engineering Management, Graduate Certificate (Online)

The Graduate Certificate in Engineering Management focuses on bridging the gaps between the fields of engineering, technology, and business with a focus on the art and the science of planning, organizing, allocating, directing, and controlling the activities and resources of organizations engaged in engineering activities and technology development.

This four-course graduate certificate seeks to provide students with opportunities to apply the fundamentals of engineering knowledge and skills in a management setting to build decision-making models and make data-driven and/or economic-based decisions.

Students enrolled in the Master of Science in Engineering Management (<https://catalog.northeastern.edu/graduate/engineering/mechanical-industrial/engineering-management-msem/>) program are not eligible to enroll in this graduate certificate program.

Program Requirements

Core Requirements

Code	Title	Hours
Complete all courses and requirements listed below unless otherwise indicated.		
EMGT 5220	Engineering Project Management	4
EMGT 6225	Economic Decision Making	4
IE 6200	Engineering Probability and Statistics	4
OR 6205	Deterministic Operations Research	4

Program Credit/GPA Requirements

16 total semester hours required

Minimum 3.000 GPA required