Program Overview

The Engineering Management program at Cornell is geared towards engineers who want to stay in a technological environment, but focus on managerial roles. Through an in-depth, real world group design project, and course content in management science, project management, decision and risk analysis, information technology, finance and accounting, systems analysis, and organizational behavior, students gain the technical and managerial skills necessary to become effective engineering managers. They also learn managerial skills to help organize and supervise people from different cultures and backgrounds so as to maximize teamwork, creativity, and productivity, and to do so in an environment of global awareness and concern for ethical issues. Further, they learn to navigate this process with a broad, global perspective that considers the full range of technical, economic, environmental, social, and other consequences over an appropriate time horizon. While critically important to the success of engineering managers, many of these skills are not emphasized in traditional engineering curricula.

M.Eng. Team Projects

FEASIBILITY STUDY OF ENERGY PRODUCTION AT ITHACA AREA WASTE WATER TREATMENT FACILITY

FEASIBILITY STUDY OF SERVICE OPTIONS FOR TOMPKINS CONSOLIDATED AREA TRANSIT (TCAT) IN ITHACA AND TOMPKINS COUNTY

COMPARATIVE ASSESSMENT OF SUPPLY CHAINS AND FREIGHT LOGISTICS NETWORKS IN CHINA, INDIA, AND USA

GREEN BUILDING SUSTAINABILITY ASSESSMENT FOR STEWART INTERNATIONAL AIRPORT, PORT AUTHORITY OF NY & NJ

WIND ENERGY FEASIBILITY STUDY: NEW YORK STATE STUDY (INCLUDING CASE STUDY OF BLACK OAK WIND FARM SITE IN ENFIELD, NY)
The Master of Engineering degree is a coursework and project-oriented program. It requires 30 credit hours consisting of coursework in major and supporting areas, and a project. This generally corresponds to nine regular courses. Of the nine courses, five are required. The remaining four, include a finance/accounting elective, a behavior elective and two specialization electives, all in which you choose from a listing of available courses from each elective area.

The Master of Engineering degree can be completed in two semesters of intensive study, or in three semesters for students who want to include extra electives, make up deficiencies, or need time to adjust to study that departs significantly from their undergraduate experience.

The dominate organizational structure in engineering firms to accomplish engineering-based work is the project team. Our courses aid students in managing and participating in effective project teams, including considerations of risks and of multiple and competing objectives. Our course program also includes studies on the interpersonal dimensions of project work, including team dynamics and personal leadership styles. Given the importance of engineering skills within the project team, our program helps students to continue to build technical depth in the engineering domain that holds particular interest to them.
CAREER SERVICES
Cornell Engineering Management graduates have been hired by companies such as:

- Acenture
- Johnson & Johnson
- Goldman Sachs
- JP Morgan Chase
- Pricewaterhouse Coopers
- Oracle
- Black and Veatch
- Kimberly-Clark
- Hitachi USA
- Canon USA
- DropBox
- Skanska
- WorkDay
- Northrop-Grumman
- IHI Machinery
- SunPower
- Corning Inc.

ENG. MANAGEMENT BY THE NUMBERS
2015 Starting Salaries for Cornell EM Graduates

- MEAN $72,889
- HIGH $100,000
- LOW $67,500

VISIT OUR CAMPUS
Schedule a tour with the CEE Graduate Coordinator to meet with faculty members and current students.

cee_grad@cornell.edu
(607) 255-7560

Apply Now
gradschool.cornell.edu/admissions/applying/apply-now

Course Catalog
cce.cornell.edu/cee/adacemics/graduate/civil_environmental/index.cfm