



*Providing the
necessary step that allows
engineers and scientists
to better understand
how their environment works
and how it can be managed.
All within a plan flexible
to your needs.*



THE CATHOLIC UNIVERSITY OF AMERICA
School of Engineering

Do it all.

Discover excellence. Experience success.

ENGINEERING MANAGEMENT PROGRAM

*The education you need
on a schedule that fits your life.*



**THE
CATHOLIC UNIVERSITY
of AMERICA** 

Washington, D. C.

For more than a quarter-century, the **Engineering Management Program** at Catholic University has successfully educated military, government and industry professionals in the art and science of managing technical organizations and their processes.

We provide the necessary additional step that allows engineers and scientists to better understand how their environment works and how it can be managed. Our goal is to make engineers and scientists more effective in the pursuit of professional achievement. Classes are offered on campus and at convenient off-campus locations.

Integrated View of Theory and Practice

Engineering management students receive a balanced and integrated education encompassing theory and practice that equips them with the knowledge they need to lead in their chosen profession. Courses lead to the Master of Science in Engineering (M.S.E.) degree with a concentration in engineering management. Seasoned professionals possessing the appropriate educational background and expertise teach students complex engineering management practices and the theories that support them.

The engineering management program focuses on administration and process and on product management and service development, control and use. Studies emphasize conceptual structures and guiding precepts as opposed to technique and tasking.

The CUA Advantage

At Catholic University, engineering management emphasizes the management of engineering processes within the broader context of a company or agency enterprise. The degree program consists of core foundation courses in engineering management and electives that allow students to tailor their degrees to their personal career plans.

The M.S.E. with a concentration in engineering management consists of 10 one-semester, 3 credit-hour courses that include two required management courses, five required engineering management courses specific for the track, and three electives, for a total of 30 credit hours.

Three different tracks can be used to obtain the master's degree:

- **Engineering Management and Organization**
- **Project and Systems Engineering Management**
- **Technology Management**

Three professional certificates are available in the program:

- **Program Management**
- **Systems Engineering**
- **Management of Information Technology**

The program is flexible. Elective courses can be technical or managerial.

The CUA M.S.E. program provides domain specialty education through courses in information technology management, software engineering management, technology management, engineering economics, systems engineering management, engineering ergonomics, project management and engineering risk management.

Through a partnership agreement with CUA, Defense Acquisition University graduates can transfer graduate credit to CUA's M.S.E. program. We also accept appropriate accredited graduate level courses from government agencies, as well as 12 credit hours of graduate credit for completion of the U.S. Navy Nuclear Power Program.

The Faculty: Cutting-Edge Professional Practitioners

The M.S.E. program is designed to give students a balanced and integrated view of theory and practice. Key to this goal are faculty members who are highly credentialed, working professionals.

The Student Experience: Diverse Backgrounds, Variety of Choices, Convenient Location

Government and industry professionals, private industry engineers and scientists, and international students are well represented in the student body. The program's graduation rate is approximately 90 percent.

Students can choose from five to six courses offered each semester. Three to four courses are available over the summer. Taking two courses a semester, students can complete the program in less than two years. Courses are taught in the evenings on campus and at convenient off-campus locations.

The Professional Degree Program: Preparation for a Special Career

The course work in this program leads to an engineering degree rather than a general science or business degree. Therefore candidates for the program should have an undergraduate engineering or physical science degree with appropriate technical or engineering experience. The program prepares graduates to compete successfully for managerial positions in which they will organize and lead technical personnel, manage the broad aspects of technical projects and advance their careers.

Applying for Admission

Applicants may apply online at <http://engineering.cua.edu/engrmgmt/Admissions/> or receive printed materials from the Office of Graduate Admissions by calling 1-800-673-2772 or 202-319-5057.

For More Information

For more information about CUA's graduate program in engineering management, visit our Web site at <http://engineering.cua.edu/engrmgmt/> or contact the Engineering Management Program Office at:

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