ETM’s Systems Engineering Management Certificate provides technical managers and leaders with the knowledge and skills needed to successfully manage demanding projects, create total solutions, and inspire needed change in today’s complex world. Students will master technical leadership skills and systems engineering concepts to create a strong foundation for tackling complex global challenges and providing innovative system solutions. The curriculum focuses on leadership across the system life cycle from the initial concept through design, development, deployment, operational effectiveness, sustainability, and disposal.

The graduate certificate requires the following courses (12 credits):

- E M 565 Introduction to Systems Management
- E M 566 Systems Engineering Analysis and Practice
- E M 569 Systems Architecting or E M 564 Project Management
- E M 568 Risk Analysis and Management or E M 530 Applications of Constraints Management

Course descriptions and syllabi can be found at etm.wsu.edu.
Engineering & Technology Management

Online Master’s and Certificate Program

About ETM—Since 1982

Washington State University’s online Engineering and Technology Management (ETM) program offers a master’s degree in Engineering and Technology Management and graduate certificates in seven specialized areas. Courses are designed to provide working engineers with the skills to manage projects, people, and technology. The program is tailored for professionals who want to advance their careers while still working fulltime. The program has been consistently ranked as one of the top 30 online engineering programs in the nation.

WSU is accredited by the Northwest Commission on Colleges and Universities (NWCCU).

Certificate Requirements

An ETM graduate certificate requires four courses (12 credit hours) in specialized areas. A certificate is awarded upon completion of these courses. Course credits earned for a certificate may also apply to a master’s degree in the ETM Program or other graduate degree programs. A student may earn more than one certificate and may work on the certificate and master’s program concurrently.

Application Requirements

- A Bachelor’s degree from an accredited institution
- 3.0 GPA
- A personal statement of your professional career goals
- A résumé showing significant experience in engineering, technology, manufacturing, or any related field.

ETM graduate certificate programs do not require formal admission to a degree program, but admission to the graduate school is still required. Learn more and apply at gradschool.wsu.edu.

Contact Us

Faculty Advisor:
Dr. Alice Squires (alice.squires@wsu.edu)

etm.wsu.edu • etm@wsu.edu • (509) 335-0125

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