ETM’s *Systems Engineering Certificate* provides supervisors and managers, and those who wish to pursue such roles, with the knowledge and skills needed to be more effective in the workplace. Students will learn to define an entire system and explain the system engineering design process, explain the factors involved in managing for operational feasibility, understand the system engineering function in a team environment, and manage the synthesis of engineering disciplines in the design environment and program implementation stage.

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](http://etm.wsu.edu).
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).

All courses are offered online and use an innovative blend of traditional classroom instruction and the latest in video streaming and web conferencing technologies that allow courses to be delivered live to students anywhere in the world. Innovative program software allows faculty and students to interact with each other online. The convenience and flexibility of the program is ideal for the working professional. Mobile capabilities are also available. Classes are archived and available to review at any time.

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.

**Minimum requirements**
- Bachelor’s degree (minimum 3.0 GPA)
- Transcripts
- Resume
- Personal Statement

**WSU Admissions**
Students must be admitted to WSU’s Graduate School to receive a graduate certificate.

Learn more and apply at [gradschool.wsu.edu](http://gradschool.wsu.edu).

**Contact Us**

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