ETM’s *Six Sigma Quality Management* certificate introduces the philosophical foundation for quality improvement and a robust set of tools and techniques that have proven successful in identifying and solving quality problems. Foundational concepts have much in common with Total Quality Management and ISO 9000, including cross-functional product design, process management, supplier quality management, customer involvement, information and feedback, committed leadership, strategic planning, cross-functional training, and employee involvement. The toolset extends from fundamental descriptive statistics and basic problem solving to sophisticated statistical design of experiments and evolutionary operations.

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

- *E M 538 Lean Agility* or *E M 590 Leading Design and Innovation*
- *E M 570 Six Sigma Quality Management*
- *E M 580 Quality Control and Reliability*
- *E M 585 Quality Engineering Using Design of Experiments*

Course descriptions and syllabi can be found at [etm.wsu.edu](http://etm.wsu.edu).
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 full time. 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.

Program Delivery

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.

Application Requirements

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.

Contact Us

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