ETM’s Manufacturing Leadership Certificate prepares manufacturing and technical managers to effectively compete in a world-class manufacturing arena. The four courses in this certificate program provide a unique, but essential foundation for understanding and optimizing a manufacturing organization. While many courses in manufacturing focus on the mechanical operations and processes, this certificate focuses on maximizing the performance of the entire system. Achieving the highest levels of performance starts with design of products and systems, integrating the contributions of a complex network of suppliers, and coordinating production according to key constraints throughout the supply chain.

Finally, the most effective route to achieving continuous improvement in this environment is the integrated application of Lean, Six Sigma, and Theory of Constraints.

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

- **E M 526 Constraints Management**
- **E M 538 Lean Agility**
- **E M 560 Integrated Supply Chain Management**
- **E M 590 Leading Design and Innovation**

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 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).

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.

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

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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