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 (9 credits):

- E M 565 Introduction to Systems Management
- E M 566 Systems Engineering Analysis and Practice
- E M 568 Risk Assessment and Management or E M 570 Systems Improvement: Integrating Lean, Six Sigma, and TOC

Course descriptions and syllabi can be found at 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).

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

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

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

* Provisional admission may be offered to those that do not meet this requirement.

Contact

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