ETM’s *Constraints Management Certificate* focuses on the management of the limiting factors of any system. By providing specific methods of managing variability, Theory of Constraints (TOC) creates exceptional performance very quickly and then encourages a process of an on-going improvement through the focused use of LEAN and Six Sigma tools. The TOC methods apply to every level of the organization and at every level of maturity. As a result, using TOC over time results in a stable and ever improving organization.

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

- *E M 501 Management of Organizations*  
  *or E M 522 Leadership, Supervision, and Management*
- *E M 526 Constraints Management*
- *E M 530 Applications of Constraints Management*
- *E M 534 Contemporary Topics in Constraints Management*  
  *or E M 555 Enterprise Resource 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.

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