

Engineering and Technology Management

Online Master's Degree and Graduate Certificate Program

Undergraduate Project Management Certificate

Designed for Engineering and Technology Managers

Certificate Overview

There are always significant challenges when it's necessary to deliver a unique product, service, or other result in a given time and with limited resources. The application of project management techniques provides the best chance for success in such endeavors. The courses associated with this graduate certificate provide students with the knowledge and tools necessary to plan, organize, and sequence activities and logically schedule, manage, and control projects both large and small. The courses introduce concepts in the art and discipline of project management, including communication and leadership of technical people and the various approaches to schedule and resource controls, including PERT, CPM, and Critical Chain.

Career Benefits and Advancement

Many professionals have reported that this certificate has allowed them to advance in their careers as a project manager and as a technology manager. When completed, you will be able to:

- Apply the principles of project management to successfully manage various types of projects in manufacturing, research, and technology arenas.
- Apply project management tools to monitor, evaluate, and control progress of activities to achieve successful project completion.
- Organize and lead successful project teams.
- Have an understanding of how to learn, analyze, and apply new and evolving techniques of project management for the future.



Engineering managers have one of the top 20 best paying jobs in America today.
Bureau of Labor Statistics, 2014

Courses (no prerequisites required)

- EM 401 Management of Organizations
- EM 420 Contract Project Management
- EM 422 Leadership, Supervision, and Management
- EM 464 Project Management

Certificate Requirements

Academic Requirements

To be eligible to enroll in the ETM program and receive an undergraduate certificate, students must have an associate degree or equivalent (college algebra competency required).

Course Requirements

An ETM Undergraduate Certificate requires four courses (12-credit hours) in specialized areas. A certificate is awarded upon completion of these courses. A student may earn more than one certificate.

Convenient and Flexible Program

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.

About the ETM Program—since 1982

Washington State University's online Engineering and Technology Management (ETM) program offers a master's degree in engineering and technology management, a specialization in construction management, graduate certificates in eight specialized areas, and five undergraduate certificates. 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. For more information, visit etm.wsu.edu or call 509-335-0125.

**Advance your career
with just four courses
—all online!**



How to Apply

WSU Admissions

If you are interested in seeking an ETM undergraduate certificate, you may enroll in WSU as a non-degree seeking undergrad student. Official transcripts are not required in this case. Go to: [WSU non-degree Admissions](#)

Other Documents

(send directly to ETM Program)

- Transcripts
(Unofficial for non-degree seeking students. Indicate associate degree or equivalent)
- Resume
- Personal Statement

Need Help?

509-335-0125

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etm.wsu.edu

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