



Graduate Certificate in Technical Management

The Technical Management Graduate Certificate prepares students to work as a

- Program Manager responsible for overseeing and coordinating projects within organizations
- Project Manager who plans, organizes, and executes a project from start to finish
- Lead System Engineer responsible for the design, implement, and coordination of technical design aspects of a system
- Test Manager who will plan, test, and evaluate activities and oversee testing activities and testing teams

Students master the following skill set essential to this industry role:

- Project Planning
- Project Management
- Leadership Styles
- Negotiation
- Systems Thinking
- Team Management
- Problem Solving Styles and Strategies

The Graduate Certificate in Technical Management will be awarded upon successful completion of the 9-credit curriculum below. The courses are not listed in sequential order. All course work should be completed within two years of starting the certificate program. Students should e-mail questions to EngHelp@psu.edu.

9-Credit Required Curriculum			
Course #	Course Title	Semester Completed	Grade
SYSEN 850	Creativity & Problem Solving		
SYSEN 805	Technical Project Management (formerly SYSEN 505)		
SYSEN 507	Systems Thinking		

Note: Students must maintain a minimum grade point average of 3.0 (B) throughout the program. Courses may be applied to master's programs if admitted as a degree-seeking student. If degree-seeking, you must formally apply for degree admission. Up to 15 credits earned may be transferred to a master's degree, subject to restrictions outlined in [GCAC-309 Transfer Credit](#). Completing this certificate does not guarantee admission to a degree program. To be awarded the graduate certificate, students must successfully complete 9 credits of course work. Students must complete each course with a grade of C or better, and an overall grade-point average of 3.0 in the certificate courses.

Questions & Advising - Students should contact EngHelp@psu.edu with any questions. After successfully completing the required course work, please submit a Graduate Certificate Completion Form found at <http://greatvalley.psu.edu/form/graduate-certificate-completion-form>.