Graduate Certificate in Technical Management and Leadership Essentials

The Technical Management and Leadership Essentials Certificate prepares students to work as:

- Project Engineering Manager who will plan, organize, and execute technical projects from start to finish
- Team Lead Manager who manages technical teams within a technical organization

Students master the following skill set essential to these industry roles:

- Engineering project management
- Process management
- Leadership and organizational management
- Effective team management
- Negotiation
- Problem solving styles and strategies
- Strategic management
- Ethics and legal issues
- Business contracts

The Graduate Certificate in Technical Management and Leadership Essentials will be awarded upon successful completion of the 12-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.**

12-Credit Required Curriculum			
Course #	**Course Title**	**Semester Completed**	**Grade**
SYSEN 805	Technical Project Management		
SYSEN 850	Creativity & Problem Solving		
STS 589	Ethics and Values in Science and Technology		
MNGMT 511	Organizational Behavior		

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 12 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.