

# ENGINEERING PROJECT MANAGEMENT CERTIFICATE

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The certificate program in Engineering Project Management is a convenient advanced program for the engineers, systems engineers and individuals in program management desiring to acquire higher and practical knowledge of managing complex engineering programs.

Upon completion of the certificate program, the student may apply to the M.S. program in Systems Engineering and have the courses completed for the certificate to be credited towards the M.S. degree.

## Admission Requirements

- B.S. degree or higher in any engineering discipline, computer science, physics or consent of the Graduate Director
- Two years' work experience is preferred

## Graduation Requirements

Completion of three of the following core Engineering Project Management courses (9 semester hours) with a 2.7 grade point average or higher:

Code	Title	Semester Hours
Select three of the following:		9
SYEG 510	Project Management	
SYEG 520	Engineering Leadership and Integrity	
SYEG 530	Lean Engineering and Management	
SYEG 557	Agile Development and Project Management	
SYEG 560	Introduction to Cybersecurity	
SYEG 576	Business Law for Engineers	
SYEG 577	Engineering Economics and Finance	
SYEG 600	Advanced Systems Engineering and Program Management	
SYEG 620	Manufacturing Processes and Quality Systems	
SYEG 673	New Product Design and Development	
SYEG 679	Startup Entrepreneurship and Managing Engineering Innovation	
<b>Total Semester Hours</b>		<b>9</b>