

CYBERSECURITY CERTIFICATE

The graduate certificate in Cybersecurity is a convenient program for engineers, computer scientists and managers that covers the most pressing concerns for the design, development, implementation and operations of cyber resilient systems. Key coursework includes an overview of cybersecurity issues and concerns, including system management and governance, secure software development, and managing the operational environment in the presence of threats.

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 credited towards the M.S. degree.

Admissions 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 courses (9 semester hours) with a 2.7 grade point average or higher:

Code	Title	Semester Hours
Select three of the following:		9
SYEG 560	Introduction to Cybersecurity	
SYEG 563	Cyberdefense	
SYEG 662	Secure Software Development	
SYEG 664	Advanced Cybersecurity Management	
Total Semester Hours		9