Effectively integrate cybersecurity into the systems engineering process
Interact with cybersecurity specialists to employ robust and resilient secure systems solutions

Topics include requirements analysis, cyber risk analysis, secure system architecture and design, secure software development, secure networking, and the basics of cryptography. The course employs team-teaching to ensure students benefit from outstanding expertise in all areas of content. Students will practice the principles taught in the course by developing a project of the individual student's choice.

Successful students will learn to:
- Effectively integrate cybersecurity into the systems engineering process
- Interact with cybersecurity specialists to employ robust and resilient secure systems solutions

Offered Spring of odd years, Summer of even years

Prereqs: SYSE501 or concurrent