

SECURE SOFTWARE AND INFORMATION ENGINEERING CERTIFICATE

Campus: Online

Software and information security are dynamic processes that must continually change to defend systems against evolving threats. It is not enough to build protective measures around software—to create truly secure systems, security must be built into the software itself. Participants will learn how to address security considerations from the very start of a project and how to incorporate protective measures throughout the software design process. The Seidenberg School is an NSA- and DHS-designated National Center of Academic Excellence in Cyber Defense Education. This means the software engineering program, including certificate courses, is committed to building a strong workforce in a field that is crucial to keeping the digital world secure

Certificate Requirements

Code	Title	Credits
Course Requirements		
IT 660	Network Security	3
IT 662	Web and Internet Security	3
IT 666	Information Security Management	3
SE 675	Requirements Engineering	3
SE 677	Software Reliability & Quality Assurance	3
SE 751	Software Validation & Verification Techniques	3
Total Credits		18