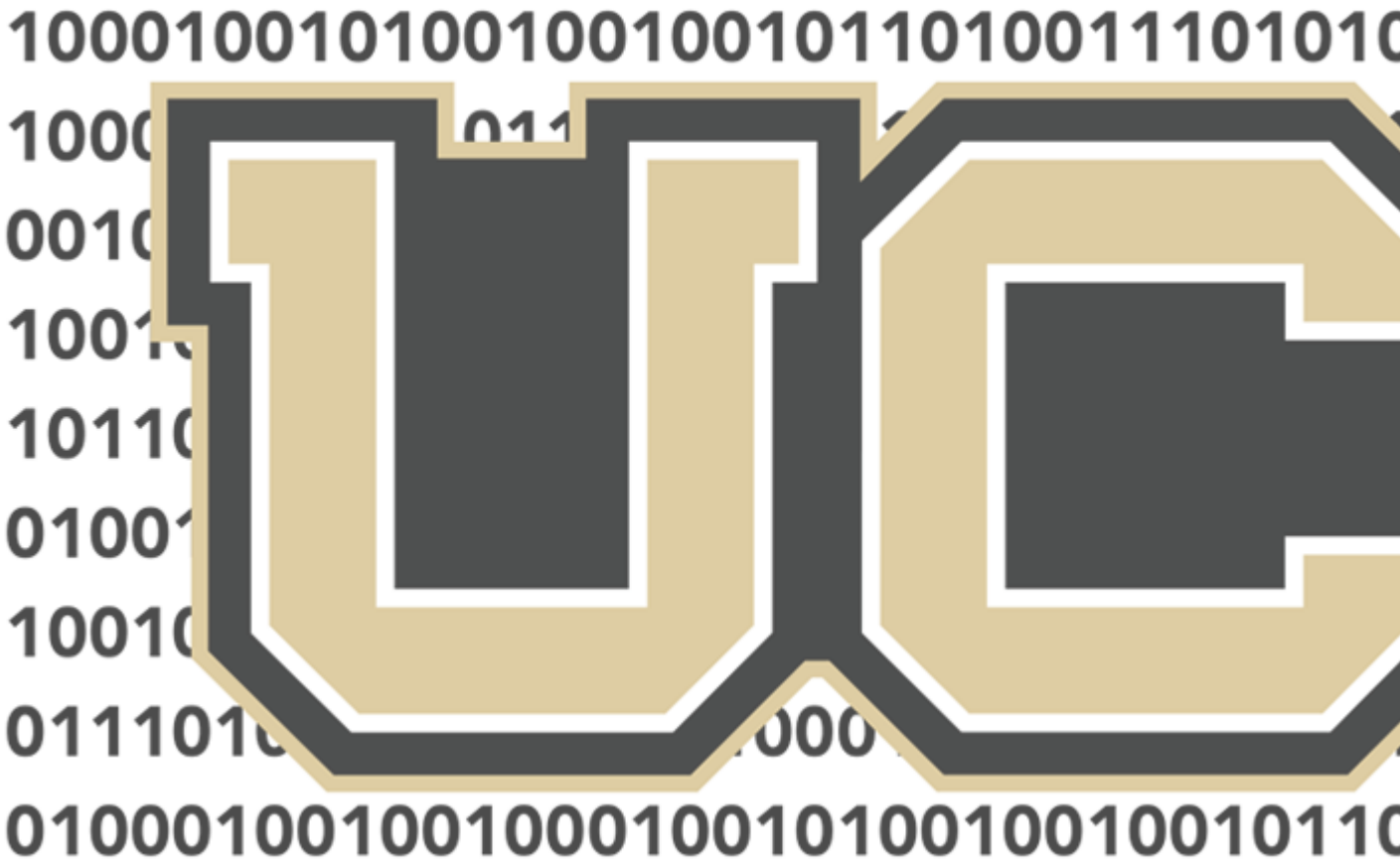
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Introduction to Applied Cryptography Specialization [1]



About This Specialization

Cryptography is an essential component of cybersecurity. The need to protect sensitive information and ensure the integrity of industrial control processes has placed a premium on cybersecurity skills in today's information technology market. Demand for cybersecurity jobs is expected to rise 6 million globally by 2019, with a projected shortfall of 1.5 million, according to Symantec, the world's largest security software vendor. According to Forbes, the cybersecurity market is expected to grow from $75 billion in 2015 to $170 billion by 2020. In this specialization, students will learn basic security issues in computer communications, classical cryptographic algorithms, symmetric-key cryptography, public-key cryptography, authentication, and digital signatures. These topics should prove useful to those who are new to cybersecurity, and those with some experience.



4 Courses

Follow the suggested order or choose your own.



Projects

Designed to help you practice and apply the skills you learn.



Certificates
Highlight your new skills on your resume or LinkedIn.

Projects Overview

Each course includes a corresponding learner's project. The projects are designed to help learners objectively evaluate different cryptographic methods as they may be applied to cybersecurity. The project assignments are graded assessments. Learners must earn 100% on the projects to successfully complete this specialization.

For More Information or to Enroll [2]



[2]

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