UC Baseline: InfoSec 101

You Will Be Able To

- Communicate with confidence regarding information security topics, terms, and concepts
- Understand and apply the Principles of Least Privilege, Need to Know, and Zero Trust
- Understand and apply the CIA triad for prioritization of critical security resources
- Grasp basic cryptographic principles, processes, procedures, and be able to use encryption to secure messages
- Explain a variety of frequent attacks such as social engineering, phishing, password attacks, breaching services, and other attacks

You Will Receive

- A USB Flash Drive with all labs and course material
- Bound copy of course material
- One Month Guild Membership (For Non-Guild Members)

InfoSec 101 is a foundational course designed to address the needs of people who are new to cybersecurity and in need of an introduction to basic security concepts, principles, terms, and practices.

Students will learn real-world fundamentals on securing systems and environments that are put into practice daily in top companies around the world and utilized by users and their personal devices.

This course covers everything from securing information with the use of security policies, risk management, authentication and access control, network security, web application security, and much more. Additionally, students will learn and practice some of the same tools and methods attackers utilize, such as reconnaissance, scanning, and enumeration, exploitation and more.

This course is for those who have little knowledge of computers and technology with little to no prior knowledge of cybersecurity or for those looking to fill in gaps in their foundational knowledge. The hands-on, step-by-step teaching approach enables students to grasp all the information presented, even if some of the topics are new to you. Students will learn real-world cybersecurity fundamentals to serve as the foundation of career skills and knowledge for years to come.