

CYBERSECURITY (CYBX)

CYBX 100 Introduction to Cybersecurity 3 credits

In today's world, no one is safe from cyber-attacks, but everyone can be prepared. This course will teach you how malicious actors use social manipulation and technology to launch devastating attacks – and provide you with the tools you'll need to defend against them. Whether you pursue one of the many available jobs in cybersecurity or just want to secure your own privacy, you'll learn how to make the Internet safer. This course is offered through Rize.

CYBX 200 Network and System Security 3 credits

Modern organizations know that even the strongest systems can be vulnerable to cyberattacks. As a result, jobs in cybersecurity are rapidly expanding as companies look to secure their digital assets. This course will teach you how to secure those assets by identifying and fixing potential security vulnerabilities. By the end of the course, you will be able to identify and remedy common network and systems vulnerabilities. This course is offered through Rize.

CYBX 210 Cybercrime and Governance 3 credits

This course explores the critical role of governance in mitigating cybercrime and ensuring the integrity of digital environments. You will learn how governments detect and stop cybercrimes, and become familiar with the laws and policies in place to deter cybercriminals. Develop and implement robust security policies procedures that align with legal and ethical standards and help create a resilient, compliant digital ecosystem. This course is offered through Rize.

CYBX 220 Career Navigation and Exploration in Cybersecurity 3 credits

This course will help you find a job in Cybersecurity upon graduation. Not just any job; one that excites you and meets your financial needs. In this course, you will explore career paths in Cybersecurity, potential salary outcomes, and the skills you need to understand whether these salary outcomes will support you. This exploration will lead you to identify target jobs and opportunities. You will then plan the steps you need to take to achieve your goals and begin executing that plan. This course is offered through Rize.