



Social Engineering Fundamentals

UWF Florida Cybersecurity Training Program
Offered by the University of West Florida Center for Cybersecurity

Course Overview

Cyber Skills Exercise Date: October 24, 2024

Cyber Skills Exercise Times: 8 am – 4 pm CT with a break from 11:30 am – 12:30 pm CT
(9 am – 5 pm ET with a break from 12:30 – 1:30 pm ET)

Duration: 1 day

Estimated Time Commitment: 7 hours

Instructional Hours: 7 contact hours

Delivery Format: Synchronous online (Meeting via Zoom)

Target Audience: IT or Cybersecurity practitioners, managers, and executives

Required Prerequisites / Background: Learners should have basic familiarity with computers.

CEUs: 0.7, **CPEs:** 9

Course Instructor:

Instructor	Email
Connor McCasland	cmoore4@uwf.edu

Course Description

Nearly every significant security breach highlighted in the news over the last decade has included an element of social engineering, as seen in incidents involving MGM, JP Morgan, Sony, Target, etc. Participants will delve into the intricate world of psychological manipulation and human vulnerabilities within the realm of cybersecurity. Through a combination of lectures and hands-on exercises, attendees will gain a comprehensive understanding of the various techniques employed by malicious actors to exploit human behavior and breach organizational security. The curriculum covers real-world case studies, ethical considerations, and defensive strategies to equip participants with the knowledge and skills necessary to recognize, mitigate, and combat social engineering threats. By the end of the day, participants will have a heightened awareness of social engineering tactics, enabling them to contribute effectively to the resilience of their organizations against these sophisticated and pervasive cybersecurity risks.

This course uses a combination of lectures, discussions, and exercises in a synchronous (live online instruction) environment via Zoom.

