



Applications of AI Cybersecurity: Challenges and Opportunities

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

Course Overview

Exercise Date: September 26, 2024

Tabletop Exercise Time: 8 am – 4 pm CT with break from 11:30 am – 12:30 pm CT
(9 am – 5 pm ET with break from 12:30 – 1:30 pm ET)

Duration: 1 day

Instructional Hours: 7 contact hours

Delivery Format: Synchronous online | via Zoom

Target Audience: Anyone seeking to increase their awareness of artificial intelligence applications in cybersecurity.

Recommended Background: Working knowledge of IT and cybersecurity concepts.

CEUs: 0.7, **CPEs:** 9

Course Instructor(s):

Instructor	Email
Dr. Elizabeth Rasnick	erasnick@uwf.edu

Course Description

This exercise will give an overview of Artificial Intelligence applications in addressing cybersecurity threats and vulnerabilities. The course will provide a history of AI, an overview of machine learning, deep learning, and generative AI. Hands-on exercises provide an opportunity for learners to play with each of these AI applications. We will discuss the challenges and opportunities that exist when utilizing AI applications in cybersecurity tasks.