



NIST Frameworks and Standards

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

Course Overview

Cyber Skills Exercise Date: March 7, 2024

Cyber Skills Exercise Times: 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

Estimated Time Commitment: 7 hours

Instructional Hours: 7 contact hours

Delivery Format: Synchronous online

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

Required Prerequisites / Background: Working knowledge of IT/Cybersecurity

CEUs: 0.7, **CPEs:** 9

Course Instructor(s):

Instructor	Email
Dr. Guillermo Francia, III	gfranciaiii@uwf.edu
Mr. Guy Garrett	ggarrett@uwf.edu

Course Description

Florida Administrative Code (F.A.C.) Rules 60GG-2.001 through 60GG-2.006 establish the State of Florida Cybersecurity Standards (SFCS) for information technology (IT) resources. Florida agencies must comply with these standards in the management and operation of state IT resources. These rules are modeled after the National Institute of Standards and Technology (NIST) Framework for Improving Critical Infrastructure Cybersecurity, Version 1.1, the NIST SP 800-53 r5, and the Federal Information Security Management Act of 2002.

The course covers managerial and technical issues related to the security and privacy controls as defined in the NIST SP 800-53 r5 and the Center for Internet Security (CIS) Critical Security Controls, including those unique and specific elements required by Florida laws, administrative rules, or regulations. The course addresses the following topics: security and privacy controls, control requirements and implementation, structure and organization, and auditing and





compliance. Engaging hands-on exercises include the application and evaluation of security controls and the utilization of self-assessment tools.

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

NIST NICE Cybersecurity Workforce Framework Mapping

The course prepares for the following cybersecurity work roles as defined by the NICE Cybersecurity Workforce Framework.

Cybersecurity Work Roles and Categories:

- Cyber Defense Infrastructure Support Specialist (Protect and Defend, PR-INF-001)
- Information Systems Security Management (Oversee and Govern, OV-MGT-001)
- Cyber Policy and Strategy Planner (Oversee and Govern, OV-SPP-002)