

# 2024-2025 CATALOG ADDENDUM

The contents of this addendum supercede the content specified in the 2024-2025 catalog where noted. Contents of the 2024-2025 catalog not revised in this addendum remain in effect. The unrevised content of the 2024-2025 catalog and the revised content of this addendum are valid for the 2024-2025 academic year.

Page numbers are those of the 2024-2025 Catalog.

Revised 4/2/24

P. 100, new certificate

## Cybersecurity

Certificate

Major Code: CERT.GYC

Contact: Reskilling & Technology Center (928) 317-7674

Program Purpose: An introduction to the field of Cybersecurity which will teach learners how to identify common risks, threats, and vulnerabilities, as well as the techniques to mitigate them. This certificate will prepare learners for entry-level cybersecurity roles by allowing hands-on experience with industry recognized tools including Python, Linux and many other security tools like Security Information and Event Management (SIEM) programs.

Program Description: This certificate will prepare learners for entry-level cybersecurity roles by allowing hands-on experience with industry recognized tools and Security Information and Event Management (SIEM) programs.

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A. Required major courses: . . . . . 9

    PIT-110 Cybersecurity. . . . . 9

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Total credits required for degree: . . . . . 9

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Revised 4/30/24

P. 119, Nursing AAS, revised Competencies/Student Learning Outcomes

Program graduates are expected to:

1. Recognize the patient or designee as the source of control and full partner in providing compassionate and coordinated care based on respect for patient's preferences, values, and needs (Patient-Centered Care)
2. Function effectively within nursing and inter-professional teams, fostering open communication, mutual respect, and shared decision-making to achieve quality patient care (Teamwork & Collaboration)
3. Integrate best current evidence with clinical expertise and patient/family preferences and values for delivery of optimal health care (Evidence-Based Practice (EBP))
4. Use data to monitor the outcomes of care processes and use improvement methods to design and test changes to continuously improve the quality and safety of health care systems (Quality Improvement (QI))
5. Minimize risk of harm to patients and providers through both system effectiveness and individual performance (Safety)
6. Use information and technology to communicate, manage knowledge, mitigate error, and support decision making (Informatics)
7. Practice accountability during delivery of standard-based nursing care that is consistent with moral, altruistic, legal, ethical, regulatory, and humanistic principles (Professionalism)
8. The Nurse of the Future will interact effectively with patients, families, and colleagues, fostering mutual respect and shared decision making, to enhance patient satisfaction and health outcomes (Communication)

Revised 5/6/24

P. 100, new certificates

## Fortinet Certified Associate Cybersecurity

Certificate

Major Code: CERT.FCA

Contact: Reskilling & Technology Center (928) 317-7674

Program Purpose: The program aims to provide individuals with the opportunity to acquire cybersecurity skills and knowledge that are in high demand in the industry. The program focuses explicitly on Fortinet network security technologies and offers training and certification courses related to the Fortinet Network Security Expert (NSE) certification.

Program Description: This program uses Fortinet network security technologies to provide students with hands-on lab experiences, enabling them to apply their theoretical knowledge in practical settings. The curriculum covers the fundamentals of operating the most common FortiGate features. This practical experience helps students develop a deeper understanding of network security concepts and enhances their ability to address cybersecurity challenges. It prepares students for an associate-level credential.

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A. Required major courses: . . . . . 3

PIT-140 Fortinet Certified Associate (FCA) in Cybersecurity 3

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Total credits required for certificate: . . . . . 3

### Fortinet Certified Professional Cybersecurity

Certificate

Major Code: CERT.FCP

Contact: Reskilling & Technology Center (928) 317-7674

Program Purpose: The program aims to allow individuals to acquire cybersecurity skills and knowledge that are in high demand in the industry. The program focuses explicitly on Fortinet network security devices, public cloud devices, VMs, and security operations devices. The certification courses are related to the Fortinet Network Security Expert (NSE) professional-level certification.

Program Description: This program uses Fortinet network security technologies to provide students with hands-on lab experiences, enabling them to apply their theoretical knowledge in practical settings. The curriculum covers secure networks and applications by deploying, managing, and monitoring Fortinet network security products, public cloud products, and security operations products. This practical experience helps students develop expertise in network security concepts and enhances their ability to address cybersecurity challenges. It prepares students for three professional-level credentials.

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A. Required major courses: . . . . . 3

PIT-141 Fortinet Certified Professional Cybersecurity . . . . 3

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Total credits required for certificate: . . . . . 3

### Fortinet Certified Solution Specialist

Certificate

Major Code: CERT.FCS

Contact: Reskilling & Technology Center (928) 317-7674

Program Purpose: The program aims to allow individuals to acquire cybersecurity skills and knowledge that are in high demand in the industry. The program focuses explicitly on Fortinet network security devices, public cloud devices, VMs, and security operations devices. The certification courses are related to the Fortinet Network Security Expert (NSE) professional-level certification.

Program Description: This program uses advanced Fortinet network security technologies to provide students with hands-on lab experiences, enabling them to apply their theoretical knowledge in practical settings. The curriculum covers designing, administering, monitoring, and troubleshooting Fortinet operational technology (OT) security solutions, security operations infrastructure, and Zero Trust Access (ZTA). This practical experience helps students develop expertise in network security concepts and enhances their ability to address cybersecurity challenges. It prepares students for five specialist-level credentials.

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A. Required major courses: . . . . . 3

PIT-142 Fortinet Certified Solutions Specialist Cybersecurity 3

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Total credits required for certificate: . . . . .3

### Fortinet Certified Expert

Certificate

Major Code: CERT.FCX

Contact: Reskilling & Technology Center (928) 317-7674

Program Purpose: The program aims to allow individuals to acquire cybersecurity skills and knowledge that are in high demand in the industry. The program focuses explicitly on Fortinet network security devices, public cloud devices, VMs, and security operations devices. The certification courses are related to the Fortinet Network Security Expert (NSE) expert-level certification.

Program Description: This program uses expert Fortinet network security technologies to provide students with hands-on lab experiences, enabling them to apply their theoretical knowledge in practical settings. The curriculum covers expert knowledge of network security design, configuration, and troubleshooting for complex networks. This practical experience helps students develop expertise in network security concepts and enhances their ability to address cybersecurity challenges. It prepares students for the expert-level credential.

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A. Required major courses: . . . . . 3

PIT-143 Fortinet Certified Expert Cybersecurity . . . . . 3

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Total credits required for certificate: . . . . .3