2024-2025 Assessment Plan
Cybersecurity

Mission
This rigorous 30 credit certificate prepares students with the top-notch skills they need to evaluate, secure, and remediate at-risk computer and networked systems.

2024-2025
Cybersecurity Learning Outcomes

Cisco One

The learner will demonstrate an understanding of bridging, switching, and routing as it relates to the TCP/IP networking layers.

MEASURES	RESULTS	ACTIONS
Final Grade We will measure the course grade for students who are still enrolled after the second week of school, because students who are not able to complete for various reasons (don't always withdraw or get dropped right away). Indirect - Overall Course Grade *Cisco 1: CVNP 1603* **Target** 60% of students will earn a grade of "C" or above in Cisco 1.	*No results have been added.*	*No actions have been added.*

Cisco Two

The learner will demonstrate an understanding of and ability to describe basic switching concepts and the operation of Cisco switches.

MEASURES	RESULTS	ACTIONS
Final Grade We will measure the course grade for students who are still enrolled after the second week of school, because students who are not able to complete for various reasons (don't always withdraw or get dropped right away). Indirect - Overall Course Grade *Cisco 2: CVNP 1612* **Target** 70% of students will earn a grade of "C" or above in Cisco 2.	*No results have been added.*	*No actions have been added.*

Cisco Three

The learner will demonstrate the understanding of (WLAN) and (VLAN) design.

Cybersecurity

MEASURES	RESULTS	ACTIONS
Final Grade We will measure the course grade for students who are still enrolled after the second week of school, because students who are not able to complete for various reasons (don't always withdraw or get dropped right away). Indirect - Overall Course Grade *Cisco 3: CVNP 2606* **Target** 70% of students will earn a grade of "C" or above in Cisco 3.	*No results have been added.*	*No actions have been added.*

Linux Administration

The learner will exhibit understanding of the Linux operating system commands and functions.

MEASURES	RESULTS	ACTIONS
Final Grade We will measure the course grade for students who are still enrolled after the second week of school, because students who are not able to complete for various reasons (don't always withdraw or get dropped right away). Indirect - Overall Course Grade *Linux Administration: CVNP 1601* **Target** 60% of students will earn a grade of "C" or above in Linux Administration.	*No results have been added.*	*No actions have been added.*

Cyber Forensics

The learner will explain how to perform a network analysis.

MEASURES	RESULTS	ACTIONS
Final Grade We will measure the course grade for students who are still enrolled after the second week of school, because students who are not able to complete for various reasons (don't always withdraw or get dropped right away). Indirect - Overall Course Grade *Cyber Forensics: CVNP 2655* **Target**	*No results have been added.*	*No actions have been added.*

70% of students will earn a grade of "C" or above in Cyber Forensics.		

Security Fundamentals

The learner will implement security configuration parameters on network devices and other technologies.

MEASURES	RESULTS	ACTIONS
Final Grade We will measure the course grade for students who are still enrolled after the second week of school, because students who are not able to complete for various reasons (don't always withdraw or get dropped right away). Indirect - Overall Course Grade *Security Fundamentals: CVNP 2615* **Target** 60% of students will earn a grade of "C" or above in Security Fundamentals.	*No results have been added.*	*No actions have been added.*

Scripting and Command Line

The learner will demonstrate proficiency in writing simple and compound conditions in scripts.

MEASURES	RESULTS	ACTIONS
Final Grade We will measure the course grade for students who are still enrolled after the second week of school, because students who are not able to complete for various reasons (don't always withdraw or get dropped right away). Indirect - Overall Course Grade *Scripting and Command Line: CVNP 2639* **Target** 60% of students will earn a grade of "C" or above in Scripting and Command Line.	*No results have been added.*	*No actions have been added.*

Defensive Security

The learner will describe key concepts in network defense.

MEASURES	RESULTS	ACTIONS
Final Grade	*No results have been added.*	*No actions have been added.*

We will measure the course grade for
students who are still enrolled after the second week of
school, because students who are not able
to complete for various reasons (don't always
withdraw or get dropped right away).

Indirect - Overall Course Grade

Defensive Security: CVNP 2625

Target

60% of students will earn a grade of "C" or above in Defensive Security.

Offensive Security

The learner will understand the diverse approaches used by attackers.

MEASURES	RESULTS	ACTIONS
Final Grade We will measure the course grade for students who are still enrolled after the second week of school, because students who are not able to complete for various reasons (don't always withdraw or get dropped right away). Indirect - Overall Course Grade *Offensive Security: CVNP 2645* **Target** 70% of students will earn a grade of "C" or above in Offensive Security.	*No results have been added.*	*No actions have been added.*

Workplace Readiness

Students demonstrate the knowledge, skills, and abilities to enter the workforce.

MEASURES	RESULTS	ACTIONS
Comprehensive Cybersecurity Program Exam This exam covers objectives from each course in the Cybersecurity Certificate program. This will occur during the student's final semester of the program. Direct - Exam (Course) *Cyber Forensics: CVNP 2655* **Target** 70% of students will score a 70% or above.	*No results have been added.*	*No actions have been added.*