Curriculum Plan 2024-2025

Program: Computer Networking and Cyber Security

CTSO Primary: BPA   **CTSO Secondary:** N/A

Pathway: N4   **WebXam:** 85MD

Courses Offered

Level 1 Curriculum

Semester 1 Network Operating Systems

Semester 2 Routing And Switching

Level 2 Curriculum

Semester 1 Network Security

Semester 2 Cyber Security Defense And Reinforcement

Level 2-Pre-Apprenticeship Half Day Curriculum

Semester 1 Network Security

Semester 1 Pre-apprenticeship

Semester 2 Cyber Security Defense And Reinforcement

Semester 2 Pre-apprenticeship

Level 2-Advanced Placement Curriculum

Semester 2 Information Technology Capstone

College Credits Available

Name	College	Semester Hours Available
CTIT017 Cisco I: CCNA 7 - Introduction to Networks, Must meet CTAG qualifications to earn, CIS 1411 Cisco Network Fundamentals	CTAG and Sinclair College	3
CTIT016 Linux, ODE Course 145040 (Network Operating Systems)	CTAG	3
CTIT018 Cisco II: CCNA 7 - Switching, Routing and Wireless Essentials (SRWE), Must meet CTAG qualifications to earn, CIS 2416 Routing and Switching Essentials	CTAG and Sinclair College	4
CTIT015 CompTIA Security +, ODE Course 145050 (Network Security)	CTAG	3
CTIT019 Cisco III: CCNA 7 - Enterprise Networking, Security, and Automation (ENSA), Must meet CTAG qualifications to earn, CIS 2421 Scaling and Networking	CTAG and Sinclair College	4
CTCYBR001 Cybersecurity Fundamentals, ODE Course 146010 (Cybersecurity Defense and Reinforcement)	CTAG	3
BIS 1120 Introduction to Software Applications	Sinclair College	3

Credentials Available

Name	ODE Points Available
Cisco Certified Support Technician (CCST) Cybersecurity	6
Ohio Driver's License (Self Obtained)	1
ClSCO Certified Network Associate (CCNA)	12
Cisco Certified Technician (CCT) Routing and Switching	6
Microsoft Office Specialist Word Associate (2019 or later)	3
Microsoft Office Specialist Access Expert (2019 or later)	3
Microsoft Office Specialist Excel Associate (2019 or later)	3
Microsoft Office Specialist Powerpoint Associate (2019 or later)	3
Microsoft Office Specialist Outlook Associate (2019 or later)	3
Cisco Certified Network Professional (CCNP) - Enterprise	12
Cisco Certified Support Technician (CCST) Networking	6