



Curriculum Plan 2025-2026

Program: Computer Networking and Cyber Security

CTSO Primary: BPA

CTSO Secondary: N/A

Pathway: N4

WebXam: 85MD

Courses Offered

Level 1 Curriculum

Semester 1 Networking

Semester 2 Network Management

Level 2 Curriculum

Semester 1 Network Security

Semester 2 Cyber Security Defense And Reinforcement

Level 2-Pre-Internship 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
CTIT002 Introduction to Networking, ODE Course, 145035 Networking, CIS 1130 Networking Fundamentals	CTAG and Sinclair College	3
CTIT016 Linux, ODE Course, 145045, Network Management	CTAG	3
CTIT013 Microsoft Server Administration, ODE Course, 145045 Network Management	CTAG	3
CTIT020 Introduction to Systems Administration ODE Course, 145045 Network Management	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	0
Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion - Information Technology	12
Ohio Driver's License (Self Obtained)	1
CISCO Certified Network Associate (CCNA)	12
Cisco Certified Technician (CCT) Routing and Switching	6
Microsoft Office Specialist Word Associate 2019	3
Microsoft Office Specialist Access Expert 2019	3
Microsoft Office Specialist Excel Associate 2019	3
Microsoft Office Specialist PowerPoint Associate 2019	3
Microsoft Office Specialist Outlook Associate 2019	3
Cisco Certified Design Professional (CCDP)	12
CISCO Certified Support Technician (CCST) Networking	0