Curriculum Plan 2024-2025

Program: Computer Coding & Web Applications

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

Pathway: N3   **WebXam:** 83MD

Courses Offered

Level 1 Curriculum

Semester 1 Programming

Semester 2 Systems Analysis And Design

Level 1-CCP Curriculum

Semester 1 Programming

Semester 2 Systems Analysis & Design

Semester 2 Systems Analysis And Design

Level 2 Curriculum

Semester 1 Object-oriented Programming

Semester 2 Database Administration

Level 2-CCP Curriculum

Semester 1 Object-oriented Programming

Semester 1 Object-oriented Programming

Semester 2 Object-oriented Programming

Level 2-Advanced Placement Curriculum

Semester 2 Information Technology Capstone

College Credits Available

Name	College	Semester Hours Available
CTPROG001 Computer Logic, ODE Course 145060 (Programming)	CTAG	3
CIS 1140 Systems Analysis and Design	Sinclair College	3
CIS 2266 Python for Data Analytics	Sinclair College	3
CIS 1202 C++ Level 1 (CCP)	Sinclair College	3
CTPROG002 Java Programming, ODE Course 145065 (Object Oriented Programming)	CTAG	3
CIS 2165 Database Management	Sinclair College	3
CTPROG003 C++ Programming, ODE Course 145065 (Object Oriented Programming)	CTAG	3
CIS 2212 Java Software Development 1 (CCP)	Sinclair College	3
CIS 2217 Java Software Development Level 2 (CCP)	Sinclair College	3

Credentials Available

Name	ODE Points Available
Lead4Change Student Leadership Program	3
Ohio Driver's License	1
Certiport Information Technology Specialist: Artificial Intelligence	1
Certiport Information Technology Specialist: Computational Thinking	1
Certiport Information Technology Specialist: Data Analytics	1
Certiport Information Technology Specialist: HTML and CSS	1
Certiport Information Technology Specialist: Java	1
Certiport Information Technology Specialist: Python	1
Certiport Information Technology Specialist: Software Development	1
Certiport Information Technology Specialist: Databases	1