



Curriculum Plan 2025-2026

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

Semester 2 Database Administration

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 (CCP) | 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 |
|--|----------------------|
| Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion - Information Technology | 12 |
| Ohio Driver's License (Self Obtained) | 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 |