

Sinclair Community College

Computer Information Systems/Software Development
AAS

SODE.S.AAS

| REQUIRED COURSES: | Sem Hours | ODE Course Aligned | CTAN (if Applicable) |
|---|-----------|--------------------|----------------------|
| First Semester, First Year | | | |
| CIS 1107 Introduction to Operating Systems | 3 | | |
| CIS 1130 Network Fundamentals | 3 | | |
| SCC 1101 First Year Experience | 1 | | |
| MAT 1120 Business Math* | 3 | | |
| BIS 1120 Introduction to Software Applications* | 3 | | |
| ENG 1101 English Composition I | 3 | | |

| | | | |
|---|---|--------|-----------|
| Second Semester, First Year | | | |
| ECO 2160 Macroeconomics | 3 | | |
| COM 2225 Small Group Communication | 3 | | |
| CIS 1111 Introduction to Problem Solving and Computer Programming | 3 | 145060 | CTPROG001 |
| MAN 2150 Management and Organizational Behavior | 3 | | |
| CIS 1350 Web Site Development with HTML and CSS* | 3 | | |

| | | | |
|--|---|--------|-----------|
| First Semester, Second Year | | | |
| CIS 2165 Database Management* | 3 | | |
| CIS 2212 Java Software Development I | 3 | 145065 | CTPROG002 |
| CIS 1202 C++ Software Development | 3 | 145065 | CTPROG003 |
| CIS 1140 Information Systems Analysis and Design | 3 | | |
| ACC 1100 Small Business Accounting | 3 | | |

| | | | |
|---------------------------------------|---|--|--|
| Second Semester, Second Year | | | |
| CIS 2170 CIS Internship | 3 | | |
| CIS 2217 Java Software Development II | 3 | | |
| CIS 2222 ASP.NET with C# | 3 | | |
| CIS 2268 Introduction to Oracle | 3 | | |
| HUM 1130 Humanity and Technology | 3 | | |

*Denotes course aligned for articulated credit, via method established on bilateral agreement

| PATHWAY TAB INFORMATION | | | |
|---|----------------------------|-------------|--------------|
| Course Name | Postsecondary Institution | Credit Type | Credit Hours |
| BIS 1120 Introduction to Software Applications | Sinclair Community College | Bilateral | 3 |
| CIS 1111 Introduction to Problem Solving and Computer Programming | Sinclair Community College | CTAG | 3 |
| CIS 1350 Web Site Development with HTML and CSS | Sinclair Community College | Bilateral | 3 |
| CIS 2212 Java Software Development I | Sinclair Community College | CTAG | 3 |
| CIS 1202 C++ Software Development | Sinclair Community College | CTAG | 3 |
| CIS 2165 Database Management | Sinclair Community College | Bilateral | 3 |