

# Sinclair Community College

Computer Information Systems/Web Development

AAS

REQUIRED COURSES:	Sem Hours	ODE Course Aligned
<b>First Semester, First Year</b>		
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	

<b>Second Semester, First Year</b>		
ECO 2160 Macroeconomics	3	
HUM 1130 Humanity and Technology	3	
CIS 1111 Introduction to Problem Solving and Computer Programming	3	145060
MAN 2150 Management and Organizational Behavior	3	
CIS 1350 Web Site Development with HTML and CSS*	3	

<b>First Semester, Second Year</b>		
CIS 2250 Web Site Development with php and XML	3	
CIS 2640 Network Security	3	
CIS 1202 C++ Software Development	3	145065
CIS 1140 Information Systems Analysis and Design	3	
ACC 1100 Small Business Accounting	3	

<b>Second Semester, Second Year</b>		
COM 2225 Small Group Communication	3	
CIS 2170 CIS Internship	3	
CIS 2222 ASP.NET with C#	3	
CIS 2165 Database Management	3	
CIS 2212 Java Software Development I	3	145065

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

<b>PATHWAY TAB INFORMATION</b>		
Course Name	Postsecondary Institution	Credit Type
BIS Introduction to Software Applications	Sinclair Community College	Bilateral
CIS 1111 Introduction to Problem Solving and Computer Programming	Sinclair Community College	CTAG
CIS 1350 Web Site Development with HTML and CSS	Sinclair Community College	Bilateral
CIS 2212 Java Software Development I	Sinclair Community College	CTAG
CIS 1202 C++ Software Development	Sinclair Community College	CTAG

WEDE.S.AAS

CTAN (if Applicable)

CTPROG001

CTPROG003

CTPROG002

Credit Hours
3
3
3
3
3