

Sinclair/Tech Prep Career Field Options for AY 2017-18

Information Technology

NO Information Support & Services, N2 Networking, N3 Programming & Software Development

Course		Course Name	Semester Hours
Proficiency Credits			
<i>CIS</i>	<i>1350</i>	<i>Web Site Development with HTML & CSS</i>	3
<i>CIS</i>	<i>2165</i>	<i>Database Management</i>	3
<i>GEO</i>	<i>1107</i>	<i>Introduction to Geographic Information Systems (GIS)</i>	4

N1 Interactive Media

Course		Course Name	Semester Hours
Proficiency Credits			
<i>CIS</i>	<i>1350</i>	<i>Web Site Development with HTML & CSS</i>	3
Proficiency Credit Granted via Portfolio Review			
VIS	1100	Design Basics	4
VIS	1110	Design Drawing	4
VIS	1140	Design Processes I	4
VIS	1250	Print Production	4

CTAG Sinclair Alignments

NO Information Support & Services

CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
Information Support and Services	NO	145030	Computer Software	CIS 1107	Introduction to Operating Systems	3
Information Support and Services	NO	145050	Network Security	CIS 2711	Enterprise Desktop Support Technician	3
Information Support and Services	NO	145030, 145040	Computer Software, Network Operating Systems	CIS 1510	Windows Client Operating System	3
Information Support and Services	NO	145025, 145030	Computer Hardware, Computer Software	CIS 2731	A+ Hardware & Software	4

CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
Information Support and Services	N0	145050	Network Security	CIS 2640	Network Security	3
Information Support and Services	N0	145040	Network Operating Systems	CIS 2550	Linux Operating System	3
Information Support and Services	N0	145060	Programming	CIS 1111	Introduction to Problem Solving and Computer Programming	3
Information Support and Services	N0	145065	Object Oriented Programming	CIS 2212	Java Software Development I	3
Information Support and Services	N0	145065	Object Oriented Programming	CIS 1202	C++ Software Development	3

N2 Networking

CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
Networking	N2	145035, 145045	Networking, Network Management	CIS 1130	Network Fundamentals	3
Networking	N2	145030	Computer Software	CIS 1107	Introduction to Operating Systems	3
Networking	N2	145050	Network Security	CIS 2711	Enterprise Desktop Support Technician	3
Networking	N2	No course match at this time.	No course match at this time.	CIS 1411	Introduction to Networks	3
Networking	N2	No course match at this time.	No course match at this time.	CIS 2416	Routing and Switching Essentials	4
Networking	N2	No course match at this time.	No course match at this time.	CIS 2421	Scaling Networks	4
Networking	N2	No course match at this time.	No course match at this time.	CIS 2426	Connecting Networks	4

CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
Networking	N2	145030, 145040	Computer Software, Network Operating Systems	CIS 1510	Windows Client Operating System	3
Networking	N2	145025, 145030	Computer Hardware, Computer Software	CIS 2731	A+ Hardware & Software	4
Networking	N2	145050	Network Security	CIS 2640	Network Security	3
Networking	N2	145040	Network Operating Systems	CIS 2550	Linux Operating System	3
Networking	N2	145060	Programming	CIS 1111	Introduction to Problem Solving and Computer Programming	3
Networking	N2	145065	Object Oriented Programming	CIS 2212	Java Software Development I	3
Networking	N2	145065	Object Oriented Programming	CIS 1202	C++ Software Development	3

N3 Programming & Software Development

CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
Programming and Software Development	N3	145060	Programming	CIS 1111	Introduction to Problem Solving and Computer Programming	3
Programming and Software Development	N3	145065	Object Oriented Programming	CIS 2212	Java Software Development I	3
Programming and Software Development	N3	145065	Object Oriented Programming	CIS 1202	C++ Software Development	3

N1 Interactive Media

CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
Interactive Media	N1	145060	Programming	CIS 1111	Introduction to Problem Solving and Computer Programming	3
Interactive Media	N1	145065	Object Oriented Programming	CIS 2212	Java Software Development I	3
Interactive Media	N1	145065	Object Oriented Programming	CIS 1202	C++ Software Development	3