

ODE-Sinclair Credit Crosswalk: Information Technology					
Information Support and Services (N0)					
ARTICULATED					
ODE Course	Subject Code	Sinclair Course		Credit Hours	Notes
Information Technology	145005	BIS 1105: IT Fundamentals		3	Credit awarded with proof of IT Fundamentals certification or passing WebXam score.
CTAG					
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Computer Software	145030	CTIT005 - Intro Desktop O.S.	CIS 1107: Introduction to Operating Systems	3	
Programming	145060	CTPROG001 - Computer Logic	CIS 1111: Introduction to Problem Solving & Computer Programming	3	
Networking	145035 and	CTIT002 - Networking/CompTIA Network+	CIS 1130: Network Fundamentals	3	
Network Management	145045				
Object Oriented Programming	145065	CTPROG003 - C++ Programming	CIS 1202: C++ Software Development	3	
		CTPROG002 - Java Programming	CIS 2212: Java Software Development I	3	
Computer Software	145030 and	CTIT011 - MS Windows Desktop OS	CIS 1510: Windows Client Operating System	3	
Network Operating Systems	145040				
Networking Operating Systems	145040	CTIT013 - MS Server Administration	CIS 2510: Microsoft Windows Server Operating System	3	
		CTIT016 - Linux	CIS 2550: Linux Operating System	3	
Network Security	145050	CTIT015 - CompTIA Security +	CIS 2640: Network Security	3	
		CTIT006 - Intro to User Support	CIS 2711: Enterprise Desktop Support Technician	3	
Computer Software	145030 and	CTIT014 - PC Operating System/A+	CIS 2731: A+ Hardware & Software	4	
Computer Hardware	145025 and				
PROFICIENCY					
ODE Course	Subject Code	Sinclair Course		Credit Hours	Notes
N/A		CIS 1140: Information Systems Analysis & Design		3	
N/A		CIS 1160: Introduction to Data Literacy		3	NEW! Credit option for AY 24-25, FPS - Paul Hansford, paul.hansford@sinclair.edu
N/A		CIS 1350: Web Site Development with HTML & CSS		3	
N/A		CIS 2165: Database Management		3	

Interactive Media (N1)					
ARTICULATED					
ODE Course	Subject Code	Sinclair Course		Credit Hours	Notes
Information Technology	145005	BIS 1105: IT Fundamentals		3	Credit awarded with proof of IT Fundamentals certification or passing WebXam score.
CTAG					
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Programming	145060	CTPROG001 - Computer Logic	CIS 1111: Introduction to Problem Solving & Computer Programming	3	
Object Oriented Programming	145065	CTPROG003 - C++ Programming	CIS 1202: C++ Software Development	3	
		CTPROG002 - Java Programming	CIS 2212: Java Software Development I	3	
PROFICIENCY					
ODE Course	Subject Code	Sinclair Course		Credit Hours	Notes
N/A		CIS 1140: Information Systems Analysis & Design		3	
N/A		CIS 1160: Introduction to Data Literacy		3	NEW! Credit option for AY 24-25, FPS - Paul Hansford, paul.hansford@sinclair.edu
N/A		CIS 1350: Web Site Development with HTML & CSS		3	
N/A		VIS 1100: Design Foundations		4	Credit granted via portfolio review & eLearn shell content completion.
N/A		VIS 1140: Design Processes I		4	Credit granted via portfolio review & eLearn shell content completion.
N/A		VIS 1210: Design Drawing		4	Credit granted via portfolio review & eLearn shell content completion.
N/A		VIS 1250: Print Production		4	Credit granted via portfolio review & eLearn shell content completion.

Networking (N2)					
ARTICULATED					
ODE Course	Subject Code	Sinclair Course		Credit Hours	Notes
Information Technology	145005	BIS 1105: IT Fundamentals		3	Credit awarded with proof of IT Fundamentals certification or passing WebXam score.
CTAG					
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Computer Software	145030	CTIT005 - Intro Desktop O.S.	CIS 1107: Introduction to Operating Systems	3	
Programming	145060	CTPROG001 - Computer Logic	CIS 1111: Introduction to Problem Solving & Computer Programming	3	
Networking	145035 and	CTIT002 - Networking/CompTIA Network+	CIS 1130: Network Fundamentals	3	
Network Management	145045				
Object Oriented Programming	145065	CTPROG003 - C++ Programming	CIS 1202: C++ Software Development	3	
		CTPROG002 - Java Programming	CIS 2212: Java Software Development I	3	
Computer Software	145030 and	CTIT011 - MS Windows Desktop OS	CIS 1510: Windows Client Operating System	3	
Network Operating Systems	145040				
Networking Operating Systems	145040	CTIT013 - MS Server Administration	CIS 2510: Microsoft Windows Server Operating System	3	
		CTIT016 - Linux	CIS 2550: Linux Operating System	3	
Network Security	145050	CTIT015 - CompTIA Security +	CIS 2640: Network Security	3	
		CTIT006 - Intro to User Support	CIS 2711: Enterprise Desktop Support Technician	3	
Computer Software	145030	CTIT014 - PC Operating System/A+	CIS 2731: A+ Hardware & Software	4	
Computer Hardware	145025 and				
PROFICIENCY					
ODE Course	Subject Code	Sinclair Course		Credit Hours	Notes
N/A		CIS 1140: Information Systems Analysis & Design		3	
N/A		CIS 1160: Introduction to Data Literacy		3	NEW! Credit option for AY 24-25, FPS - Paul Hansford, paul.hansford@sinclair.edu
N/A		CIS 1350: Web Site Development with HTML & CSS		3	
N/A		CIS 2165: Database Management		3	

Programming and Software Development (N3)					
ARTICULATED					
ODE Course	Subject Code	Sinclair Course		Credit Hours	Notes
Information Technology	145005	BIS 1105: IT Fundamentals		3	Credit awarded with proof of IT Fundamentals certification or passing WebXam score.
CTAG					
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Programming	145060	CTPROG001 - Computer Logic	CIS 1111: Introduction to Problem Solving & Computer Programming	3	
Object Oriented Programming	145065	CTPROG003 - C++ Programming	CIS 1202: C++ Software Development	3	
		CTPROG002 - Java Programming	CIS 2212: Java Software Development I	3	
PROFICIENCY					
ODE Course	Subject Code	Sinclair Course		Credit Hours	Notes
N/A		CIS 1140: Information Systems Analysis & Design		3	
N/A		CIS 1160: Introduction to Data Literacy		3	NEW! Credit option for AY 24-25, FPS - Paul Hansford, paul.hansford@sinclair.edu
N/A		CIS 1350: Web Site Development with HTML & CSS		3	
N/A		CIS 2165: Database Management		3	
N/A		CIS 2266: Python for Data Analytics		3	
Cybersecurity (N4)					
CTAG					
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Computer Software	145030	CTIT005 - Intro Desktop O.S.	CIS 1107: Introduction to Operating Systems	3	
Programming	145060	CTPROG001 - Computer Logic	CIS 1111: Introduction to Problem Solving & Computer Programming	3	
Networking	145035 and 145045	CTIT002 - Networking/CompTIA Network+	CIS 1130: Network Fundamentals	3	
Network Management					
Computer Software	145030 and 145040	CTIT011 - MS Windows Desktop OS	CIS 1510: Windows Client Operating System	3	
Network Operating Systems					
Networking Operating Systems	145040	CTIT013 - MS Server Administration	CIS 2510: Microsoft Windows Server Operating System	3	
		CTIT016 - Linux	CIS 2550: Linux Operating System	3	
Network Security	145050	CTIT015 - CompTIA Security +	CIS 2640: Network Security	3	
		CTIT006 - Intro to User Support	CIS 2711: Enterprise Desktop Support Technician	3	
Computer Software	145030	CTIT014 - PC Operating System/A+	CIS 2731: A+ Hardware & Software	4	
Computer Hardware	145025 and				

General Tech Prep Courses for All Pathways

The following are general tech prep courses available to all pathways but often paired with courses in this pathway. These courses may be taught by academic

PROFICIENCY

ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		BIS 1120: Introduction to Software Applications	3	PR credit is earned by completing eLearn shell content. AA credit is earned by providing proof of Microsoft Office Specialist (MOS) certification. AY 24-25: Must test using Office 365/2021.
N/A		BIS 1201: Keyboarding & Document Formatting	3	
N/A		BIS 1230: Spreadsheet Software	3	Graded project along with proof of passing the Microsoft Office Specialist (MOS) Excel certification exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A		BIS 1400: Customer Service	3	
N/A		MAT 1120: Business Mathematics	3	25-26 AY UPDATE: Business Mathematics, 15th Edition; Clendenen, Moninger, Salzman; Pearson; 978-0134697222