



# **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	
Profic				
CIS	1350	Web Site Development with HTML & CSS	3	
CIS	2165	Database Management	3	
GEO	1107	Introduction to Geographic Information Systems (GIS)	4	

#### **N1** Interactive Media

Course		Course Name	Semester Hours				
Profici	Proficiency Credits						
CIS	1350	Web Site Development with HTML & CSS	3				
Profici	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			Computer		Introduction to	
Services	N0	145030	Software	CIS 1107	Operating Systems	3
Information						
Support and			Network		Enterprise Desktop	
Services	N0	145050	Security	CIS 2711	Support Technician	3
			Computer			
			Software,			
Information			Network			
Support and		145030,	Operating		Windows Client	
Services	N0	145040	Systems	CIS 1510	Operating System	3
			Computer			
Information			Hardware,			
Support and		145025,	Computer		A+ Hardware &	
Services	N0	145030	Software	CIS 2731	Software	4





CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
Information						
Support and			Network			
Services	NO	145050	Security	CIS 2640	Network Security	3
Information			Network			
Support and			Operating		Linux Operating	
Services	N0	145040	Systems	CIS 2550	System	3
					Introduction to	
Information					Problem Solving	
Support and					and Computer	
Services	N0	145060	Programming	CIS 1111	Programming	3
Information			Object			
Support and			Oriented		Java Software	
Services	N0	145065	Programming	CIS 2212	Development I	3
Information			Object			
Support and			Oriented		C++ Software	
Services	N0	145065	Programming	CIS 1202	Development	3

### **N2** Networking

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





CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
			Computer			
			Software,			
			Network			
		145030,	Operating		Windows Client	
Networking	N2	145040	Systems	CIS 1510	Operating System	3
			Computer			
			Hardware,			
		145025,	Computer		A+ Hardware &	
Networking	N2	145030	Software	CIS 2731	Software	4
			Network			
Networking	N2	145050	Security	CIS 2640	Network Security	3
			Network			
			Operating		Linux Operating	
Networking	N2	145040	Systems	CIS 2550	System	3
			,		Introduction to	
					Problem Solving	
					and Computer	
Networking	N2	145060	Programming	CIS 1111	Programming	3
_			Object			
			Oriented		Java Software	
Networking	N2	145065	Programming	CIS 2212	Development I	3
<u>U</u>			Object		'	
			Oriented		C++ Software	
Networking	N2	145065	Programming	CIS 1202	Development	3
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#### **N3** Programming & Software Development

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





#### **N1** Interactive Media

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