

Sinclair Community College

Computer Information Systems/Network Engineer

AAS

REQUIRED COURSES:	Sem Hours	ODE Course Aligned
First Semester, First Year		
CIS 1107 Introduction to Operating Systems	3	145030
CIS 1411 Introduction to Networks	3	CISCO
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		
CIS 2416 Routing and Switching Essentials	4	CISCO
COM 2225 Small Group Communication	3	
CIS 1111 Introduction to Problem Solving and Computer Programming	3	145060
HUM 1130 Humanity and Technology	3	
ACC 1100 Small Business Accounting*	3	

First Semester, Second Year		
CIS 2165 Database Management*	3	
ECO 2160 Macroeconomics	3	
MAN 2150 Management and Organizational Behavior	3	
CIS 2421 Scaling Networks	4	CISCO
CIS 1140 Information Systems Analysis and Design	3	

Second Semester, Second Year		
CIS 2640 Network Security	3	
CIS 2426 Connecting Networks	4	CISCO
CIS 2170 CIS Internship	2	
CIS 2731 A+ Hardware and Software	4	145025

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

PATHWAY TAB INFORMATION		
Course Name	Postsecondary Institution	Credit Type
CIS 1411	Sinclair Community College	CTAG
BIS 1120 Introduction to Software Applications	Sinclair Community College	Bilateral
CIS 1111 Introduction to Problem Solving and Computer Programming	Sinclair Community College	CTAG
CIS 2416 Routing and Switching Essentials	Sinclair Community College	CTAG
CIS 2165 Database Management	Sinclair Community College	Bilateral
CIS 2421 Scaling Networks	Sinclair Community College	CTAG
CIS 2426 Connecting Networks	Sinclair Community College	CTAG
CIS 2731 A+ Hardware and Software	Sinclair Community College	CTAG

NEEN.S.AAS

CTAN (if Applicable)
CTIT005
CTIT007

CTIT008
CTPROG001

CTIT009

CTIT010
CTIT014

Credit Hours
3
3
3
4
3
4
4
4