

**SUNY SCHENECTADY  
CURRICULUM WORKSHEET**

PROGRAM: **COMPUTER NETWORKING SYSTEMS and CYBER SECURITY (A.A.S.)**

HEGIS 5104

Program Code # 69

Program Entry Date:

Student Name:

Former College(s) Attended:

ID Number:

PROGRAM REQUIREMENTS	CR	GRADE	IN PROGRESS	COMMENTS
CIS 110 Workstation Architecture & Support I (A+)	3			
CIS 111 Workstation Architecture & Support II (A+)	3			
CIS 129 Programming Fundamentals	3			
CIS 134 C++/UNIX	4			
CIS 225 Operating Systems	3			
CIS 240 Internetworking Fundamentals	3			
CIS 249 Introduction to Routing and Switching	4			
CIS 251 Switching and Advanced Routing	4			
CIS 256 Introduction to Systems Management	4			
CIS 257 Advanced Networking & Systems Management	4			
CIS 262 Introduction to Network Security	3			
CIS 263 Introduction to Computer Forensics	3			
ENG 123 College Composition	3			
ENG 211 Technical Writing	3			
FYS 100 First Year Seminar	1			
MAT 123 Quantitative Reasoning	3			
MAT149 Finite Mathematics	3			
Humanities Elective	3			
Social Science Elective	3			
Science Elective	3-4			
Minimum Credit Hours	63			

Additional Comments: Please refer to the footnotes on the reverse side.

Reviewed by: \_\_\_\_\_

Date: \_\_\_\_\_

**COMPUTER NETWORKING SYSTEMS and CYBER SECURITY  
ASSOCIATE IN APPLIED SCIENCE**

FIRST YEAR

Fall Semester	CR	Spring Semester	CR
CIS 110 Workstation Arch/ Support I (A+)	3	ENG 211 Technical Writing	3
CIS 129 Programming Fundamentals	3	CIS 111 Workstation Arch/ Support II (A+)	3
CIS 240 Internetworking Fundamentals	3	CIS 134 C++/Unix	4
ENG 123 College Composition	3	CIS 249 Intro to Routing and Switching	4
FYS 100 First Year Seminar	1	MAT 149 Finite Mathematics	3
MAT 123 Quantitative Reasoning	3		17
	16		

SECOND YEAR

Fall Semester	CR	Spring Semester	CR
CIS 251 Switching & Advanced Routing	4	CIS 262 Intro to Network Security	3
CIS 256 Intro to Systems Management	4	CIS 263 Intro to Computer Forensics	3
CIS 225 Operating Systems	3	CIS 257 Advanced Networking & Sys Mgt	4
Science Elective	3-4	Social Science Elective	3
	14-15	Humanities Elective	3
			16

Minimum Credit Hours required for degree: 63