YEAR: 2026-2027

SCHENECTADY COUNTY COMMUNITY COLLEGE

CURRICULUM WORKSHEET for Certificate Programs

PROGRAM: COMPUTER REPAIR AND NETWORKING

HEGIS # 5104 SCCC Program Code # 68

PROGRAM REQUIREMENTS	CR	SUNY GEN ED CATEGORY*	SATISFIES LIBERAL ARTS AND SCIENCES (YES)*
FYS 100 First Year Seminar	1		
CIS 110 Workstation Architecture & Support I (A+)	3		
CIS 111 Workstation Architecture & Support II (A+)	3		
CIS 129 Programming Fundamentals	3	Mathematics and Quantitative Reasoning	Yes
CIS 134 C++/UNIX	4		
CIS 240 Internetworking Fundamentals	3		
CIS 249 Introduction to Routing and Switching	4		
ENG 123 College Composition	3	Communication: Written and Oral; Information Literacy	Yes
ENG 124 Literature and Writing or ENG 211 Technical and Professional Writing (a)	3	Humanities; Critical Thinking and Reasoning	Yes
MAT Restricted Elective (b)	3-4	Mathematics and Quantitative Reasoning	Yes
Restricted Elective (c)	3		
Minimum Credit Hours	33	Total Gen. Ed. Knowledge and Skill Credits: 12-13	Total LAS Credits: 12-13
		Total Gen. Ed. Knowledge and Skill Areas:	

*SUNY General Education categories and LAS credits are not required but are included here for information.
Additional Comments: Please refer to the footnotes on the reverse side.

COMPUTER REPAIR AND NETWORKING
CERTIFICATE

FIRST YEAR

Fall Semester		CR	Spring Semester		CR
CIS 129	Programming Fundamentals	3	CIS 111	Workstation Arch/Support II (A+)	3
CIS 110	Workstation Arch/Support I (A+)	3	CIS 134	C++/UNIX	4
CIS 240	Internetworking Fundamentals	3	CIS 249	Intro to Routing and Switching	4
FYS 100	First Year Seminar	1	ENG 124	Literature and Writing OR	
ENG 123	College Composition	3	ENG 211	Technical and Professional Writing (a)	3
MAT	Restricted Elective (b)	3-4		Restricted Elective (c)	3
	TOTAL	16-17		TOTAL	17

Minimum Credit Hours required for degree: 33

NOTES:

a) If the student has aspirations to enroll in the Mathematics and Science A.S. program, then they should enroll in ENG 124.

b) MAT 123, MAT 149, MAT 154, MAT 167 or higher. If interested in completing the Mathematics and Science A.S. Program, students should consider selecting MAT 167 or higher.

c) Restricted Electives should be chosen from: CIS 133, CIS 225

Rev. 12/06/2024