

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 Technical and Professional Writing	
ENG 123	College Composition	3	ENG 211	(a)	3
MAT	Restricted Elective (b)	3-4		Restricted Elective (c)	3
	TOTAL	<hr style="width: 50px; margin: 0 auto;"/> 16-17		TOTAL	<hr style="width: 50px; margin: 0 auto;"/> 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