COMPUTER SCIENCE (SECURE COMPUTING AND INFORMATION SYSTEMS) (TRANSFER)

PROGRAM OVERVIEW

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If a student wishes to earn an associate's degree from Allegany College of Maryland and then transfer to a four-year college to earn a bachelor's degree in computer science, this program of study will provide an appropriate preparation for such transfer. It must be noted that different colleges may require different coursework. Students should work closely with their advisor and a staff member in the Advising Center to alter this program to meet the specific transfer requirements of the particular four-year institution. The Advising Center staff is also equipped to work with students to help them make a decision regarding the selection of the four-year institution.

Successful completion of this program qualifies a student to apply for an Associate of Science degree in Computer Science.

PROGRAM PATH

COMPUTER SCIENCE

SECURE COMPUTING AND INFORMATION SYSTEMS

PREPARATION FOR TRANSFER

FIRST SEMESTER		Credit Hours
Computer Technology 101 (Computer Literacy)		3
Computer Technology 103 (Computer Logic)		4
Computer Technology 107 (Introduction to Cybersecurity)		3
English 101 (English Composition I)		3
Mathematics 109 (Probability and Statistics)		3
	Total:	16

SECOND SEMESTER		
Art 101 or Music 112 (Art Appreciation or Music Appreciation)		3
Computer Technology 201 (Security +)		3
Laboratory Science Elective		4
Mathematics 200 (Calculus for Applications)		3
Social and Behavioral Science Elective		3
	Total:	16

THIRD SEMESTER		
Computer Technology 234 (Computer Science Programming I)		4
Humanities Elective		3
Laboratory Science Elective		4
Social and Behavioral Science Elective		3
	Total:	14

FOURTH SEMESTER		
Computer Technology 202 (Digital Forensics)		3
Computer Technology 216 (Cyber Law)		3
Computer Technology 238 (Computer Science Programming II)		4
Computer Technology 289 (Security + Certification Exam Review)		1
Speech 101 (Speech Communication)		3
	Total:	14
	Total Credit Hours:	**60**

**NOTE: With a student's focus in computer science, many four-year institutions recommend specific electives and general education courses be taken to meet the requirements at that institution. Students are encouraged to work closely with their transfer advisor or transferring institution in order to meet these specific requirements.*

NOTE: All courses specifically identified by course number are graduation requirements for this program.