

**COMPUTER SCIENCE
SECURE COMPUTING AND INFORMATION SYSTEMS
PREPARATION FOR TRANSFER**

If a student wishes to earn an associate 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 Student Success Center to alter this program to meet the specific transfer requirements of the particular four-year institution. The Student Success Center 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.

FIRST SEMESTER	Credit Hours	MAC equivalent
Computer Technology 101 (Computer Literacy)	3	CSIT 101
Computer Technology 103 (Computer Logic)	4	CSIT 12SP
Computer Technology 107 (Introduction to Cybersecurity)	3	CSIT 201
English 101 (Freshman English I)	3	ENG 110
Mathematics 109 (Probability and Statistics)	3	MATH 220
Total:	16	

SECOND SEMESTER	Credit Hours	MAC equivalent
ART 101 or Music 112 (Art Appreciation or Music Appreciation)	3	ART 109 or MUSIC 10S
Computer Technology 201 (Security +)	3	CSIT 25S
Laboratory Science Elective	4	Core Science Course
Mathematics 200 (Calculus for Applications)	3	Elective
Social and Behavioral Science Elective	3	Core Social Science Course
Total:	16	

THIRD SEMESTER	Credit Hours	MAC equivalent
Computer Technology 234 (Computer Science Programming I)	4	CSIT 23S
Humanities Elective	3	Lower Level Humanities Course
Laboratory Science Elective	4	Elective
Social and Behavioral Science Elective	3	Core Social Science Course
Total:	14	

FOURTH SEMESTER	Credit Hours	MAC equivalent
Computer Technology 202 (Digital Forensics)	3	CSIT 281
Computer Technology 216 (Cyber Law)	3	Elective
Computer Technology 238 (Computer Science Programming II)	4	CSIT 281P
Computer Technology 289 (Security + Certification Exam Review)	1	Elective
Speech 101 (Speech Communication I)	3	COMM 260
Total:	14	
Overall Total:	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.