

Transfer Student Pre-Professional & Elective Courses (Area V)

Institution: Alabama Agricultural and Mechanical University 2022-2023 Bulletin

AGSC Guide/Major: Computer Science

Is this an Institution-Only Major? Yes / No

Specific options to which these requirements/recommendations apply:

Cyber Security

General Computer Science

Artificial Intelligence

Maximum total number of electives/pre-professional hours: 20

Hours specified by the Approved STARS Area V Guide: 14

(see the approved transfer guide at http://stars.troy.edu/get_the_guide_step_1.html)

Crs Subj/Num (2-yr System)	Course Title	Credit Hours
MTH 113	PreCalculus Trigonometry	3
MTH 126	Calculus II	4

Crs Subj/Num (2-yr System)	Course Title	Credit Hours
MTH 125	Calculus I	4
CIS 251, 285	C++ Prgm OR Obj Oriented Prgm	3

Remaining 6 hours should be selected from/include the following:

Course Subj/Number (2-year System)	Course Title	Credit Hours
HED 221, 224, PED 105, 113, 133, (103 and 106), 140, 141, 123	Personal Hlth <u>OR</u> Personal & Community Hlth <u>OR</u> PED elective(s) in the recommended following: fitness, gymnastics, tennis, aerobics/weight training, begin swim, intermediate swim, golf	2
CIS 146, 147	Microcomputer Applications	3
MTH 237	Linear Algebra	3
CIS 251	C++ Programming	3
CIS 252	Advanced C++ Programming	3
MTH 250	Discrete Mathematics	3
CIS 255	Java Programming	3
CIS 285	Object Oriented Programming	3

Transfer Student Recommendations (Areas I-IV)

AREA I – WRITTEN COMPOSITION: <u>MinGrade C.</u>		
	ENG 101	3
	ENG 102	3
		6
AREA II – HUMANITIES & FINE ARTS:		
Fine Arts	See GenEd Listing ¹	3
Literature	Sequence – See GenEd Listing ¹	6
Hum a/o FA	See GenEd Listing ¹	3
		12
AREA III – SCIENCE & MATH:		
Lec/Lab	PHY 213	4
Lec/Lab	PHY 214	4
Math	MTH 125	4

AREA IV – HISTORY, SOCIAL, BEHAVIORAL SCI:		12
History	See GenEd Listing ¹	6
Economics	See GenEd Listing ¹	3
Soc/Beh Sci	See GenEd Listing ¹	3
		12

¹See General Education Requirements section of this Bulletin for eligible courses

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Please print this document and attach it to the **Computer Science** Articulation Guide. Together, this document and the articulation guide comprise the articulation agreement for a major in **Computer Science** at Alabama A&M University.

Name _____ Date _____ AAMU Banner ID _____