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

Institution:    Alabama Agricultural and Mechanical University        2024-2025 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 | Crs Subj/Numb (2-yr System) | Course Title | Credit Hours |
|---|---|---|---|---|---|
| MTH 113 | PreCalculus Trigonometry | 3 | MTH 125 | Calculus I | 4 |
| MTH 126 | Calculus II | 4 | CIS 251, 285 | C++ Pgm  OR  Obj Oriented Pgm | 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  OR  Personal & Community Hlth  OR  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 |

# Transfer Student Recommendations (Areas I-IV)

| | | | |
|---|---|---|---|
| **AREA I – WRITTEN COMPOSITION:**  MinGrade C. | | | |
| | 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 | |
| | | | 12 |

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

[1]See 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 _____