

Computer Engineering Option ASSOCIATE IN ARTS (AA) 2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: _____

General Education (39 Hours)

Transfer track programs often require that you take specific general education courses in each general education area. Below are the general education requirements for your program. Consult with your Faculty Advisor if you have any questions.

Communications (6 credits)

- | | |
|---|---|
| <input type="checkbox"/> ENC1101 English Composition I●+* | 3 |
| <input type="checkbox"/> ENC1101C Enhanced English Comp. I●+* | 4 |
| <input type="checkbox"/> ENC1102 English Composition II+* | 3 |
| <input type="checkbox"/> _____ | |

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (●).

Humanities 1–Visual & Performing Arts

- | | |
|---|---|
| <input type="checkbox"/> ARH2000 Understanding Visual Arts● | 3 |
| <input type="checkbox"/> ARH2050 Art History I | 3 |
| <input type="checkbox"/> ARH2051 Art History II | 3 |
| <input type="checkbox"/> ARH2060 History of Architecture | 3 |
| <input type="checkbox"/> MUL2010 Understanding Music● | 3 |
| <input type="checkbox"/> MUL2110 Survey of Music Literature | 3 |
| <input type="checkbox"/> THE2000 Understanding Theater● | 3 |
| <input type="checkbox"/> _____ | 3 |

Humanities 2–Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- | | |
|--|---|
| <input type="checkbox"/> HUM2020 Introduction to Humanities●+* | 3 |
| <input type="checkbox"/> PHI2010 Introduction to Philosophy●+* | 3 |
| <input type="checkbox"/> PHI2600 Ethics+* | 3 |
| <input type="checkbox"/> REL2121 Intro. to Religion in America+* | 3 |
| <input type="checkbox"/> REL2300 Religions of the World+* | 3 |
| <input type="checkbox"/> _____ | 3 |

Humanities 3–Literature

Prerequisite ENC1102 with grade "C" or higher.

- | | |
|--|---|
| <input type="checkbox"/> AML2010 Amer. Lit. through Civil War+* | 3 |
| <input type="checkbox"/> AML2020 Amer. Lit: Reconst.–Present+* | 3 |
| <input type="checkbox"/> ENG2111 Literature and Film+* | 3 |
| <input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+* | 3 |
| <input type="checkbox"/> ENL2022 Eng. Lit.: Romanticism to Present+* | 3 |
| <input type="checkbox"/> LIT2000 Literature and Culture●+* | 3 |
| <input type="checkbox"/> LIT2040 World Drama+* | 3 |
| <input type="checkbox"/> LIT2090 Contemporary Literature+* | 3 |
| <input type="checkbox"/> LIT2110 World Lit.: Ancient–Renaissance+* | 3 |
| <input type="checkbox"/> LIT2120 World Lit.: Enlightenment–Present+* | 3 |
| <input type="checkbox"/> _____ | 3 |

Mathematics (8 credits)

Two courses from Mathematics. At least one course must be a core course (●). Students who successfully complete a mathematics course for which a core course option in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core. There are prerequisites for the courses listed.

- | | |
|--|---|
| <input type="checkbox"/> MAC2311 Calculus with Geometry I●+* | 4 |
| <input type="checkbox"/> MAC2312 Calculus with Geometry II+* | 4 |

Developmental Courses

- | | |
|--|---|
| <input type="checkbox"/> ENC0022 Dev. Writing I & II Combined* | 3 |
| <input type="checkbox"/> REA0019 Dev. Reading I & II Combined* | 3 |
| <input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra* | 3 |

Key

- = General Education Core course
+ = Prerequisite or co-requisite required
* = Minimum grade of "C" required
@ = Course meets Civic Literacy Requirement

Natural Sciences (7 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (●). There are prerequisites for the courses listed.

Physical Sciences

- | | |
|--|---|
| <input type="checkbox"/> PHY2048 University Physics I●+* | 4 |
|--|---|

Biological Sciences

- | | |
|--|---|
| <input type="checkbox"/> BOT2800 Plants & Society | 3 |
| <input type="checkbox"/> BSC1005 General Biological Science● | 3 |
| <input type="checkbox"/> BSC1020 Human Biology | 3 |
| <input type="checkbox"/> BSC2010 Biology for Science Majors I●+* | 3 |
| <input type="checkbox"/> BSC2085 Anatomy & Physiology I●+* | 3 |
| <input type="checkbox"/> BSC2311 Introduction to Marine Biology | 3 |
| <input type="checkbox"/> _____ | |

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (●). History & Government: Students are expected to take one Global course and one U.S. course. See Civic Literacy requirement under Other AA Requirements.

Behavioral Sciences

- | | |
|--|---|
| <input type="checkbox"/> ANT2000 Introduction to Anthropology● | 3 |
| <input type="checkbox"/> ECO2013 Principles of Economics, Macro● | 3 |
| <input type="checkbox"/> PSY2012 General Psychology● | 3 |
| <input type="checkbox"/> GEA1000 World Regional Geography | 3 |
| <input type="checkbox"/> SYG2000 Principles of Sociology | 3 |

History

- | | |
|--|---|
| Global | |
| <input type="checkbox"/> EUH1000 Western Civilization I | 3 |
| <input type="checkbox"/> EUH1001 Western Civilization II | 3 |
| <input type="checkbox"/> WOH2012 World History I | 3 |
| <input type="checkbox"/> WOH2022 World History II | 3 |

U.S.

- | | |
|---|---|
| <input type="checkbox"/> AMH2010 United States History I●@ | 3 |
| <input type="checkbox"/> AMH2020 United States History II●@ | 3 |
| <input type="checkbox"/> _____ | |

Government

- | | |
|--|---|
| Global | |
| <input type="checkbox"/> CPO2002 Comparative Government | 3 |
| U.S. | |
| <input type="checkbox"/> POS2041 American Nat'l Government●@ | 3 |
| <input type="checkbox"/> POS2112 State & Local Government | 3 |
| <input type="checkbox"/> _____ | |

Other AA Requirements

- ☐ **General Education Core Requirement**
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

- ☐ **Civic Literacy Requirement (@)**
Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND** passing score on civic literacy exam (FCLE)

- ☐ **Foreign Language Requirement**
Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Major Electives (18 or 19 hours)

A baccalaureate degree in Computer Science and Software Engineering affords students the opportunity to secure employment in an industrial or financial firm, a governmental agency, or secondary, college, or university teaching position. Potential research opportunities include the following: computer security, cryptography; programming languages; compilers; real-time systems; databases; fault tolerance; networks, neural networks; expert networks; fuzzy sets and systems; scientific visualization; human computer interaction; computational science and engineering. This transfer track is designed to meet FSU-Panama City program requirements.

- | | |
|---|---|
| <input type="checkbox"/> PHY2048L University Physics I Lab+* | 1 |
| <input type="checkbox"/> PHY2049 University Physics II+* | 4 |
| <input type="checkbox"/> PHY2049L University Physics II Lab+* | 1 |
| <input type="checkbox"/> COP1000 Intro. to Programming Logic* | 3 |
| <input type="checkbox"/> STA2023 Statistics+* | 3 |

- ☐ COP2250 Introduction to Java Programming+ 3

Or

- ☐ COP2224 Introduction to C++ Programming+ 3

- ☐ MAC2313 Calculus with Analytic Geometry III 4

Or

- ☐ MAP2302 Differential Equations 3

Other Electives (2 or 3 hours)

- | | |
|--------------------------------|--|
| <input type="checkbox"/> _____ | |
| <input type="checkbox"/> _____ | |
| <input type="checkbox"/> _____ | |

Courses Not Used

- | | |
|--------------------------------|--|
| <input type="checkbox"/> _____ | |
| <input type="checkbox"/> _____ | |
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| <input type="checkbox"/> _____ | |

Notes

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