

Engineering Technology

Building Construction

ASSOCIATE IN ARTS (AA)

2024 - 2025

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: **Antonio Adessi**

General Education (36 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)

- ENC1101 English Composition I●+* 3
- ENC1101C Enhanced English Comp. I●+* 4
- ENC1102 English Composition II+* 3
- _____ 3

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

- ARH2000 Understanding Visual Arts● 3
- ARH2050 Art History I 3
- ARH2051 Art History II 3
- ARH2060 History of Architecture 3
- MUL2010 Understanding Music● 3
- MUL2110 Survey of Music Literature 3
- THE2000 Understanding Theater● 3
- THE2071 Survey of Film 3
- _____ 3

Humanities 2-Philosophy/Religion

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

- HUM2020 Introduction to Humanities●+* 3
- PHI2010 Intro. to Philosophy●+* 3
- PHI2600 Ethics+* 3
- PHI 2620 Environmental Ethics+* 3
- PHI2635 Biomedical Ethics+* 3
- REL2121 Intro. to Religion in America+* 3
- REL2300 Religions of the World+* 3
- SPN2200 Second Year-Spanish I+* 4
- _____ 4

Humanities 3-Literature

Prerequisite ENC1102 with grade "C" or higher.

- AML2010 Amer. Lit. through the Civil War+* 3
- AML2020 Amer. Lit: Reconstr.-Present+* 3
- AML2600 African-American Literature+* 3
- ENG2111 Literature and Film+* 3
- ENL2012 Eng. Lit. through the 18th Century+* 3
- ENL2022 Eng. Lit.: Romanticism to Present+* 3
- LIT2000 Literature and Culture●+* 3
- LIT2040 World Drama+* 3
- LIT2090 Contemporary Literature+* 3
- LIT2110 World Lit.: Ancient-Renaissance+* 3
- LIT2120 World Lit.: Enlightenment-Present+* 3
- LIT2380 Women in Literature+* 3
- _____ 3

Mathematics (6 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.

- MAC1105 College Algebra●+* 3
- MAC1140 Pre-Calculus Algebra+* 3

Developmental Courses

- ENC0022 Dev. Writing I & II Combined* 3
- REA0019 Dev. Reading I & II Combined* 3
- 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 (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (●).

Physical Sciences

- PHY2053 College Physics I●+ 3

Biological Sciences

- BOT2800 Plants & Society 3
- BSC1005 General Biological Science● 3
- BSC1020 Human Biology 3
- BSC2010 Biology for Science Majors I●+ 3
- BSC2085 Anatomy & Physiology I●+ 3
- BSC2311 Introduction to Marine Biology 3
- _____ 3

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

- ECO2013 Principles of Economics, Macro● 3

History

- Global
- EUH1000 Western Civilization I 3
- EUH1001 Western Civilization II 3
- WOH 2012 World History I 3
- WOH 2022 World History II 3
- _____ 3

U.S.

- AMH2010 United States History I●@ 3
- AMH2020 United States History II●@ 3
- _____ 3

Government

- Global
- CPO2002 Comparative Government 3

U.S.

- POS2041 American Nat'l Government●@ 3
- POS2112 State & Local Government 3
- _____ 3

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 (24 or 25)

The purpose of this transfer track is to provide students the opportunity to gain knowledge in the disciplines necessary for a career in building construction. The track is designed to meet the first two years of preparation for a four-year degree based on the program offered at the University of West Florida. Students should make contact as soon as possible with the school they plan to attend to make any program adjustments needed and to become familiar with the admissions requirements of that particular university. Other programs are offered at Florida A&M University.

A four year degree could lead to self-employment in the construction field; contract work for a government agency or private business; or employment by a private construction firm or government agency. Individuals are required to pass a state exam and meet all state licensing requirements to become a licensed contractor.

It is recommended that students take CGS1570 Microcomputer Applications as an elective. Students should check with the advisor to investigate other courses that may be taken to facilitate the transfer to the university of their choice. GCSC offers BCN2405, which is a requirement at The University of West Florida; however, students should check with the University prior to taking this course as an elective. Students should set their goals to enter the upper division program in the fall semester in order to get the correct sequence of courses at the university.

- CGS1570 Microcomputer Applications 3
- ACG2001 Financial Accounting I* 3
- ECO2023 Principles of Economics, Micro 3
- STA2023 Statistics 3
- BCN2405 Statics and Strength of Materials 3
- BUL2241 Business Law 3
- PHY2054 College Physics II+ 3

- MAC 2311 Calc. with Analytic Geometry I+* 4
- Or**
- MAC2233 Calculus for Business+* 3

Recommended Electives:

- EGN1110C Engineering Drawing, 3 crs.
- ARC2312C Intro. to Building Assembly Model., 4 crs.
- BCT2715 Construction Management, 3 crs.
- BCT2770 Construction Estimating, 3 crs.
- GIS2040 Intro. to Geographic Inform. Systems, 3 crs.
- EGS1006 Introductions to Engineering, 1 cr.
- BCN1230 Materials and Methods, 3 crs.
- BCN2949 Building Construction Co-Op, 1 - 3 crs.

Courses Not Used

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- _____
- _____
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Notes

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- _____