Architectural Design & Student's Name: **Construction Technology** Student's ID Number: **ASSOCIATE IN SCIENCE(AS)** 2024 - 2025 Pathway Navigator: Faculty Advisor: Antonio Adessi **General Education (15 hours) Major Courses (51 hours) Notes** The Associate in Science degree consists of a This program will prepare students for minimum of 60 college-level semester hours with employment as construction planners or provide at least 15 semester hours of General Education supplemental training for persons previously or Core courses. The General Education Core currently employed in these occupations. courses are chosen for their appropriateness for each degree and represent courses from each of ☐ EGN1110C Engineering Drawing the following disciplines: humanities/fine arts, ☐ ETD1320C Introduction to CAD# natural science/mathematics, behavioral science/ ☐ BCN1230 Materials and Methods social science and communications. Consult with □ ARC2180 Introduction to Digital Architecture+ your Faculty Advisor if you have any questions. ☐ ARC1301C Design 1.1+ ☐ ARC1302C Design 1.2+ ☐ BCN2405 Statics and Strength of Materials ☐ ARC2312C Intro. Building Assembly Model.+ Communications (3/4 credits) ☐ ENC1101 English Composition I •+* ☐ BCT2715 Construction Management# ■ ENC1101C Enhanced English Comp. I • +* ☐ BCT2770 Construction Estimating ☐ GIS2040 Intro. Geographic Inform. Systems* ☐ TAR2122 Residential Architectural Design+# **Humanities (3 credits)** TAR2122L Residential Design Lab+# ☐ TAR2154 Commercial Architectural Design+ Humanities 1-Visual & Performing Arts TAR2154L Commercial Design Lab+ CGN2328C Tech. Drawing and Visualization+ 3 ☐ ARH2000 Understanding Visual Arts● ☐ ARH2060 History of Architecture Mathematics (3 credits) ☐ ARC2949 Architecture COOP+ Select one Mathematics Course ☐ BCN2949 Building Construction COOP+ 3 MAC1105 College Algebra ●+* Courses not Used Natural Sciences (3 credits) Select one Science course Physical Sciences ☐ AST1002 Descriptive Astronomy• 3 ☐ CHM1045 General Chemistry •+ ☐ ESC2000 Earth & Space Science Survey● ☐ EVR1001 Intro. to Environmental Science • ☐ GLY1010 Physical Geology • ☐ OCE1001 Fundamentals of Oceanography● ☐ PHY1020 Basic Concepts of Physics● ☐ PHY2048 University Physics I • + 43 ☐ PHY2053 College Physics I •+

Biological Sciences

3 ☐ BSC1005 General Biological Science● ☐ BSC2010 Biology for Science Majors I ● + 3 ☐ BSC2085 Anatomy & Physiology I • + 3

Social Sciences (3 credits) Select one Social Science Course

☐ AMH2010 United States History I • @ 3 ☐ AMH2020 United States History II • @ 3

Government

☐ POS2041 American Nat'l Government • @

Other AS 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 2020 OR POS 2041 AND passing score on the Florida Civic Literacy Exam (FCLE)

Developmental Courses

- ENC0022 Dev. Writing I & II Combined* ☐ REA0019 Dev. Reading I & II Combined*
- MAT0012 Dev. Arithmetic with Algebra*

Key

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- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement
- •= General Education Core course
- #=Applies to A.S. and Certificate Programs