

Architectural Design and Construction Technology Program Roadmap

Use this roadmap to guide your progress and keep you moving toward graduation.

- Avoid surprises** – Meet with your advisor each term to monitor your progress and address concerns early.
- Review course requirements** – Check course prerequisites, corequisites, and conditions before registering each term to ensure you meet all requirements and stay on track for graduation.
- Stay eligible** – Maintain your GPA and complete required courses to remain in good standing.
- Graduate on time** – Stay on schedule to avoid delays and excess credit hours that may not be covered by financial aid.

About the Program

Credit Hours: 66 total credit hours. Total hours may vary based on individual academic plan. Prior to enrolling in classes, please meet with an advisor for specific guidance about your individual academic plan.

Minimum Grade Requirement(s)

A minimum grade of C or higher must be achieved in:

- All Professional coursework
- All General Education coursework

Available Electives

Minimum credit hours: 18.

- BCN 2226 – Soils and Foundations, Credit Hours: 3. Terms Offered: Fall.
- BCN 2563C – Electrical Systems, Credit Hours: 3. Terms Offered: Spring.
- BCN 2614 – Planning and Estimating, Credit Hours: 3. Terms Offered: Fall.
- BCN 2721 – Construction Scheduling, Credit Hours: 3. Terms Offered: Fall.
- BCN 2760 – Construction Design and Codes, Credit Hours: 3. Terms Offered: Fall.
- CGS 1100C – Microcomputer Applications for Business and Economics, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- CGS 2542C – Database Concepts for Microcomputers, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- ETD 2350 – CAD – Advanced, Credit Hours: 3. Prerequisite(s): CGS 2470. Terms Offered: Fall.
- ETD 2395 – CAD – Architectural, Credit Hours: 3. Prerequisite(s): CGS 2470. Terms Offered: Spring.
- ETD 2536 – CAD – Mechanical, Credit Hours: 3. Prerequisite(s): CGS 2470. Terms Offered: Spring.
- ETD 2551 – CAD – Civil, Credit Hours: 3. Prerequisite(s): CGS 2470. Terms Offered: Fall.
- GIS 2040 – Fundamentals of Geographic Information Systems, Credit Hours: 3. Terms Offered: Fall.
- GIS 2045 – Intermediate Geographic Information Systems, Credit Hours: 3. Terms Offered: Spring.
- GIS 2046 – Advanced Geographic Information Systems, Credit Hours: 3. Terms Offered: Spring.

Stay on Track

Meet the associate in science degree graduation requirements:

- Complete all academic requirements for this program outlined in the Florida State College at Jacksonville catalog and curriculum.
- Earn a cumulative grade point average (GPA) of 2.0 (C) at Florida State College at Jacksonville in courses applicable to the Associate in Science degree programs, excluding developmental education courses.
- Earn an all-college cumulative grade point average of 2.0 (C) on a 4.0 scale on all courses attempted. This includes Florida State College at Jacksonville college-credit semester hours and transferred credits (excluding developmental education) in lower division courses.
- Complete at least 25 percent of the total hours required for the program in residence at Florida State College at Jacksonville. Credit by examination and credit for prior learning do not count toward this residency requirement.
- Complete the required semester hours for the degree, as including a minimum of 15 semester hours in General Education.
- Demonstrate competency in civic literacy by:
 - Completing a civic literacy course – AMH 2010, AMH 2020, or POS 2041 – with a grade of C or higher.
 - Achieving of the required standard score on a state-approved assessment.
- Earn a grade of a C or higher in each course used to satisfy the general education requirements and any other area designated as requiring a grade of C or higher.
- Satisfy all financial and other obligations to the College prior to graduation.

More Information Online

Program Webpage: fscj.edu/program?pcode=2202

Program Catalog Page: catalog.fscj.edu/programs/2202

Sample Roadmap

Term 1: Fall

Course	Credits	Course Type	Terms Offered
ENC 1101 – English Composition or ENC 1101C – English Composition I	3-4	General Education	Fall, Spring, Summer
MAC 1105 – College Algebra or MAC 1105C – College Algebra Enhanced or MAC 1140 – Precalculus Algebra	3-5	General Education	Fall, Spring, Summer
BCN 1251 – Construction Drawing	3	Professional	Fall
BCN 1210C – Construction Materials	3	Professional	Fall

Term 2: Spring, Summer or Fall

Course	Credits	Course Type	Terms Offered
MAC 1114 – College Trigonometry	3	General Education	Fall, Spring, Summer
AMH 2010 – United States History to 1877 or AMH 2020 – United States History from 1877 to the Present or POS 2041 – American Federal Government	3	General Education & Civic Literacy	Fall, Spring, Summer
ETD 1100C – Engineering Drawing	3	Professional	Fall, Spring, Summer
Professional Elective Course	3	Professional Elective	Varies

Term 3: Fall

Course	Credits	Course Type	Terms Offered
PHY 1020C – Physics for Liberal Arts with Laboratory or PHY 2053C – General Physics I	3-4	General Education	Fall, Spring, Summer
ENC 2210 – Technical Report Writing	3	Professional	Fall, Spring, Summer
BCN 2280 – Surveying: Construction Layout	3	Professional	Fall
CGS 2470 – Computer Aided Drafting and Design	3	Professional	Fall, Spring, Summer

Term 4: Spring

Course	Credits	Course Type	Terms Offered
ARH 2000 – Art in the Humanities or HUM 2020 – Topics in the Humanities or LIT 2000 – Literature in the Humanities or MUL 2010 – Music in the Humanities or PHI 2010 – Philosophy in the Humanities or THE 2000 – Theatre in the Humanities	3	General Education	Fall, Spring, Summer
BCN 2793 – Managing Building Construction	3	Professional	Spring
BCN 2405 – Introduction to Structures	3	Professional	Spring
ETD 2542 – Structural Drafting	3	Professional	Spring, Summer
Professional Elective Course	3	Professional Elective	Varies

Term 5: Summer, Fall or Spring

Course	Credits	Course Type	Terms Offered
BCN 1943 – Internship	3	Professional	Fall, Spring, Summer
Professional Elective Course	3	Professional Elective	Varies
Professional Elective Course	3	Professional Elective	Varies
Professional Elective Course	3	Professional Elective	Varies
Professional Elective Course	3	Professional Elective	Varies