

The Associate in Science (A.S.) Degree in Building Construction Technology (Construction Management) provides students with skilled craftsmanship, management skills, and leadership responsibilities.

Instruction consists of academic, laboratory, and hands-on training designed to prepare the students to meet numerous industry standards and for practical certifications. Upon successful completion, students will be qualified for a position as an entry-level building construction technician whose duties are drafting, estimating, supervising, building inspecting, and many other related positions in construction.

<input checked="" type="checkbox"/> Task
<input type="checkbox"/> Explore career resources at fscj.edu/student-services/career-development .
<input type="checkbox"/> Meet with your advisor each term.
<input type="checkbox"/> Fulfill the Civic Literacy requirement.
<input type="checkbox"/> Satisfy the associate in science degree graduation requirements.

Advising

(904) 633-8228 or amt@fscj.edu.

Sample Roadmap

This roadmap provides general guidance about required courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog and class schedules for additional information. **Full-time students will refer to the term-by-term recommendations, and part-time students will take courses in the order listed.**

A minimum grade of C or higher must be achieved in all professional courses, as well as courses used to satisfy the general education and civic literacy requirements. A list of Professional Elective Coursework options is available at the end of this document.

Term 1

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	ENC 1101: English Composition I or ENC 1101C: English Composition I Enhanced	3 or 4	Varies
<input type="checkbox"/>	MAC 1105: College Algebra or MAC 1140: Precalculus Algebra	3 or 4	Varies
<input type="checkbox"/>	BCN 1251: Construction Drawing	3	Fall
<input type="checkbox"/>	BCN 1210: Construction Materials	3	Fall

Term 2

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	MAC 1114: College Trigonometry	3	Varies
<input type="checkbox"/>	AMH 2020: United States History From 1877 to the Present or POS 2041: American Federal Government	3	Varies
<input type="checkbox"/>	BCN 2781: Construction Computing	3	Spring
<input type="checkbox"/>	BCN 2732: OSHA Safety	3	All

Term 3

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	ARH 2000: Art in the Humanities or PHI 2010: Philosophy in the Humanities or MUL 2010: Music in the Humanities or LIT 2000: Literature in the Humanities or HUM 2020: Topics in the Humanities or THE 2000: Theatre in the Humanities	3	Varies
<input type="checkbox"/>	BCN 2614: Planning and Estimating	3	Fall
<input type="checkbox"/>	BCN 2226: Soils and Foundations	3	Fall
<input type="checkbox"/>	BCN 2721: Construction Scheduling	3	Fall

Important for You to Know

This academic roadmap does not include **developmental education courses** in reading, writing, and/or mathematics that you may be required to take. Students who place into developmental education courses are required to complete designated developmental education courses with a grade of C or higher regardless of program of study. In addition, it does not include **MAT 1033: Intermediate Algebra**, which, for many students, is a prerequisite course for MAC 1105.

Program Learning Outcomes

Upon completing this program, students will be able to demonstrate proficiency in the following program learning outcomes:

- Students will learn the construction designs and codes
- Students will learn construction drawing
- Students will learn to generate structural and architectural drawings

Term 4

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	BCN 2280: Surveying: Construction Layout	3	Spring
<input type="checkbox"/>	BSC 1005: Life in Its Biological Environment or BSC 2010C: Principles of Biology I or BSC 2085C: Human Anatomy and Physiology I or AST 1002: Introduction to Astronomy or CHM 1020: Chemistry for Liberal Arts or CHM 2045C: General Chemistry and Qualitative Analysis I or ESC 1000: Earth and Space Science or EVR 1001: Introduction to Environmental Science or PHY 1020C: Physics for Liberal Arts with Laboratory or PHY 2048C: Physics I With Calculus or PHY 2053C: General Physics I	3-4	Varies
<input type="checkbox"/>	BCN 2405: Introduction to Structures	3	Spring
<input type="checkbox"/>	BCN 2793: Managing Building Construction	3	Spring

Term 5

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	BCN 2760: Construction Design and Codes	3	Fall
<input type="checkbox"/>	GEB 1011: Introduction to Business	3	All
<input type="checkbox"/>	BCN 1943: Internship	3	All
<input type="checkbox"/>	Professional Elective	3	Varies

Total Program Credit Hours

The **Building Construction Technology (Construction Management)** A.S. degree program requires a **minimum of 60 credit hours**. Total program hours may vary based on the student's individual degree plan. Please see an advisor for individual guidance. This program **is eligible** for financial aid.

Professional Elective Coursework Options

Minimum Credit Hours: 3

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	ACG 2021: Financial Accounting	3	All
<input type="checkbox"/>	BUL 2131: Business Law I - The Legal Environment of Business	3	All
<input type="checkbox"/>	ECO 2013: Principles of Economics I	3	All
<input type="checkbox"/>	ECO 2023: Principles of Economics II	3	Varies
<input type="checkbox"/>	ETD 2542: Structural Drafting	3	All
<input type="checkbox"/>	MAC 2233: Calculus for Business and Social Sciences	3	Varies
<input type="checkbox"/>	STA 2023: Elementary Statistics	3	Varies
<input type="checkbox"/>	TAR 2120: Architectural Drafting	3	Fall