

Building Construction Technology (Construction Management) (2234) (A.S.)

RECOMMENDED ROADMAP

This Roadmap is a recommended way to complete this program of study. Course availability is subject to change. In some cases, a specific course is shown, but there are other options available. To review and consider other courses, see the note at the bottom of this page. Part-time students should refer to the Recommended Course Sequence list. Consult an Academic Advisor or the Engineering & Industry department before creating your actual Academic Degree Plan and refer to the [FSCJ Catalog](#) for more information.

1st Term

Course ID	Course Title	Credit Hours	Grade Earned
1* ENC 1101	English Composition I	3	
MAC 1105 OR MAC 1140	College Algebra OR Precalculus Algebra	3 OR 4	
BCN 1251	Construction Drawing	3	
BCN 1210	Construction Materials	3	

Term Total = 12/13

2nd Term

Course ID	Course Title	Credit Hours	Grade Earned
MAC 1114	College Trigonometry	3	
2* See Note Below	Choose 1 General Education Social and Behavioral Science	3	
BCN 2781	Construction Computing	3	
BCN 2732	OSHA Safety	3	

Term Total = 12

3rd Term

Course ID	Course Title	Credit Hours	Grade Earned
2* See Note Below	Choose 1 General Education Humanities	3	
BCN 2614	Planning and Estimating	3	
BCN 2226	Soils and Foundations	3	
BCN 2721	Construction Scheduling	3	

Term Total = 12

4th Term

Course ID	Course Title	Credit Hours	Grade Earned
BCN 2280	Surveying: Construction Layout	3	
ACG 2021	Financial Accounting	3	
BCN 2405	Introduction to Structures	3	
BCN 2793	Managing Building Construction	3	

Term Total = 12

5th Term

Course ID	Course Title	Credit Hours	Grade Earned
BCN 2760	Construction Design and Codes	3	
GEB 1011	Introduction to Business	3	
BCN 1943	Internship	3	
2* See Note Below	Choose 1 Professional Elective	3	

Term Total = 12

Total Credit Hours = 60

Program Notes:

1* ENC 1101C can be taken in place of ENC 1101. Please speak with your Advisor for more information.

2* See the options for the [General Education Requirements](#) in the 2020-2021 [FSCJ Catalog](#).

3* Visit the program catalog page for information on professional elective options and suggested tracks: fscj.edu/2234.

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RECOMMENDED COURSE SEQUENCE

This list shows a recommended sequence for completing the courses in this program of study. Course availability is subject to change. **Part-time students** should use this list to determine which courses to take next that fit their schedule. In some cases, a specific course is shown, but there are other options available. To review and consider other courses, see the note on page 1. Consult an Academic Advisor or the Engineering & Industry department before creating your actual Academic Degree Plan and refer to the [FSCJ Catalog](#) for more information.

- **ENC 1101** - English Composition I (Credit Hours: 3) - **Prerequisites:** Satisfactory score on placement test (for non-exempt students only).
See program note 1*.
- **MAC 1105** - College Algebra (Credit Hours: 3) - **Prerequisites:** MAT 1033 with a grade of “C” or better, or satisfactory score on the placement test (see student advising notes).
- OR
- **MAC 1140** - Precalculus Algebra (Credit Hours: 4) - **Prerequisites:** MAC 1105 with a grade of “C” or better, or satisfactory score on the placement test.
- **BCN 1251** - Construction Drawing (Credit Hours: 3) - **Prerequisites:** None.
- **BCN 1210** - Construction Materials (Credit Hours: 3) – **Prerequisites:** None
- **MAC 1114** - College Trigonometry (Credit Hours: 3) - **Prerequisites:** MAC 1105 with a grade of “C” or better, or a strong high school algebra background.
- **Choose 1 General Education Social and Behavioral Science. See program note 2*.**
- **BCN 2781** - Construction Computing (Credit Hours: 3) - **Prerequisites:** None.
- **BCN 2732** - OSHA Safety (Credit Hours: 3) - **Prerequisites:** None.
- **Choose 1 General Education Humanities. See program note 2*.**
- **BCN 2614** - Planning and Estimating (Credit Hours: 3) - **Prerequisites:** None.
- **BCN 2226** - Soils and Foundations (Credit Hours: 3) - **Prerequisites:** None.
- **BCN 2721** - Construction Scheduling (Credit Hours: 3) - **Prerequisites:** None.
- **BCN 2280** - Surveying: Construction Layout (Credit Hours: 3) - **Prerequisites:** MAC 1114.
- **ACG 2021** - Financial Accounting (Credit Hours: 3) - **Prerequisites:** None.
- **BCN 2405** - Introduction to Structures (Credit Hours: 3) - **Prerequisites:** None.
- **BCN 2793** - Managing Building Construction (Credit Hours: 3) - **Prerequisites:** None.
- **BCN 2760** - Construction Design and Codes (Credit Hours: 3) - **Prerequisites:** None.
- **GEB 1011** - Introduction to Business (Credit Hours: 3) - **Prerequisites:** None.
- **BCN 1943** - Internship (Credit Hours: 3) - **Prerequisites:** None.
- **Choose 1 Professional Elective** (see list below) (Credit Hours: 3)

Professional Elective Options (3 credit hours required):

- **BUL 2131** - Business Law I - The Legal Environment of Business (Credit Hours: 3)
- **ECO 2013** - Principles of Economics I (Credit Hours: 3)
- **ECO 2023** - Principles of Economics II (Credit Hours: 3)
- **ETD 2542** - Structural Drafting (Credit Hours: 3)
- **MAC 2233** - Calculus for Business and Social Sciences (Credit Hours: 3)
- **STA 2023** - Elementary Statistics (Credit Hours: 3)
- **TAR 2120** - Architectural Drafting (Credit Hours: 3)

Total Credit Hours = 60

To view a list of the [General Education Requirements](https://catalog.fscj.edu/), please visit our online catalog: <https://catalog.fscj.edu/>

CAREER OPTIONS

In this program, students will have the opportunity to network with major contractors and become employed while still in school. Referrals for internships and job interviews are available. Our program has a long-standing relationship with this region’s major industry organizations, such as Woods Engineering, C. Young Construction, Superior Construction, Paul Fraser Homes, Stellar Group, C & C Powerlines, Dickey Smith & Company, Miatt Construction and Accubuild Construction. According to the Bureau of Labor Statistics, employment of construction and building inspectors is expected to grow 18 percent from 2010 to 2020, about as fast as the average for all occupations. Concern for public safety and a desire to improve the quality of construction are expected to spur employment growth. Those who are certified and can perform a variety of inspections should have the best job opportunities.

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