

About the Program

The Technical Certificate (T.C.) in Advanced Computer-Aided Technical Design will provide the essential skills and knowledge needed to obtain entry-level jobs as a draftsman and architectural assistant.

This program requires a **minimum of 24 credit hours**. Total program hours may vary based on the student's individual academic degree plan. This program **is eligible** for financial aid.

Program Requirements

Students must fulfill all requirements outlined in the college catalog.

Important for You to Know

This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics or other prerequisite courses that you may be required to take. In addition, it does not include technical certificate graduation requirements.

Students in this certificate program **are not required** to complete math courses unless they are listed as part of the certificate program. This certificate articulates directly into the Architectural Design and Construction Technology (2202) (A.S.) degree, which includes an **Algebra Through Calculus math pathway**. This pathway is intended for students whose academic program requires a foundation of algebra, followed by a sequence of courses that may lead to calculus.

Additional Information

- ⇒ **Program Information**, including advisor contact details: <https://www.fscj.edu/6012>.
- ⇒ **Technical Certificate Information**, including graduation requirements: <https://catalog.fscj.edu/academics/degree-certificate-programs/technical-certificates>.
- ⇒ ***Program Requirements**: <https://catalog.fscj.edu/programs/6012>.
- ⇒ **Math Pathways Information**: <https://catalog.fscj.edu/academics/math-pathways>.

Sample Roadmap

This sample roadmap shows one possible pathway to program completion and may not be appropriate for all students.

Prior to enrolling in classes, please **meet with an advisor** for specific guidance about your individual academic plan. Some courses are offered only once per year; advising is critical for course progression.

See the **program requirements for professional elective course options.*

Term 1

Course	Credits
ETD 1100C - Engineering Drawing	3
BCN 1251 - Construction Drawing	3
BCN 2614 - Planning and Estimating	3

Term 2

Course	Credits
CGS 2470 - Computer Aided Drafting and Design	3
BCN 2793 - Managing Building Construction	3

Term 3

Course	Credits
Professional Elective course	3
Professional Elective course	3
Professional Elective course	3