



Engineering Technology (Advanced Manufacturing) (2320) | A.S. Degree

PROGRAM DESCRIPTION

The Associate in Science (A.S.) in Engineering Technology is an advanced manufacturing technology degree that specializes in computer-controlled systems for manufacturing applications. Student training includes electronics, industrial components, various computer control software and hardware applications, industrial control circuits, programmable logic controllers (PLCs), CNC, hydraulics and pneumatics. Students also take specialized courses in automated manufacturing systems such as automated process control, which prepares them to work in the manufacturing, food, chemical, paper pulp and pharmaceutical industries.

ENTRY REQUIREMENTS

- High school diploma or high school equivalent
- U.S. citizen or legal immigrant
- Check the catalog to learn about all course and program prerequisites

AT-A-GLANCE

- **60 Credit Hours**
- **Financial Aid Eligible**
- **Face-to-Face Courses**
- **Embedded Technical Certificates:**
 - Advanced Manufacturing (Automation) T.C.
 - CNC Machinist/Fabricator T.C.
 - Engineering Technology Support Specialist T.C.
 - Mechatronics T.C.
 - Pneumatics, Hydraulics and Motors for Manufacturing T.C.

CONTACT

amt@fscj.edu

Apply online at fscj.edu/admissions.

FREQUENTLY ASKED QUESTIONS

When can I start?

FSCJ enrolls students year-round.

Where are the educational courses held?

General education courses are offered at any of FSCJ's campuses and centers. Professional core courses are offered at FSCJ Downtown Campus.

What is the cost of the program?

Many students attending FSCJ qualify for financial aid, which can greatly reduce out-of-pocket expenses. This program is Federal financial aid eligible. *The approximate cost of tuition and fees is \$6,293.**

Besides tuition and fees, students have to pay for things like living expenses, transportation, supplies and books. Book costs vary widely by program and course selection as well as choice of electives; students are encouraged to budget about \$60 per credit hour.

**Tuition reflects Florida resident rates and are subject to change. Certain classes that require labs may have additional fees for lab supplies. Additional fees are published in the class schedule.*

What other programs are related to the field?

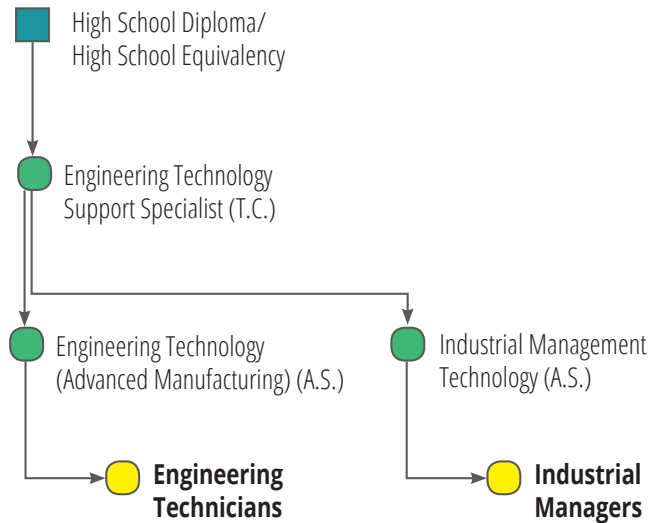
Students who have an interest in the Engineering Technology (Advanced Manufacturing) (A.S.) may also be interested in:

- Building Construction Technology (A.S.)
- Industrial Management Technology (A.S.)
- Biomedical Equipment Technician (A.S.)

Where can I get more information about potential careers?

Research local job opportunities, wage data, career paths and market trends at fscj.emsicareercoach.com.

CAREER PATHWAYS



JOB PROFILE

Duval and
Nassau Counties

Industrial Machinery Mechanics

Local employment	1,113
Number of job openings	120/year
10-year job growth:.....	15%

Expected salaries by area and occupation may be found at bls.gov