

Mechatronics 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: 30 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.

Sample Roadmap

Term 1: Fall

Course	Credits	Course Type	Terms Offered
ETS 1352C – Introduction to Manufacturing Processes	3	Professional	Fall, Spring, Summer
EET 1084C – Survey of Electronics	3	Professional	Fall, Spring
ETD 1100C – Engineering Drawing	3	Professional	Fall, Spring, Summer

Term 2: Spring

Course	Credits	Course Type	Terms Offered
ETS 1511C – Motors and Controls	3	Professional	Spring
ETS 1700C – Hydraulics and Pneumatics	3	Professional	Spring
ETS 1542C – Introduction to Programmable Logic Controllers	3	Professional	Fall, Spring

Term 3: Fall

Course	Credits	Course Type	Terms Offered
ETS 1603C – Robotics – Mechanics and Controls	3	Professional	Fall, Summer
ETS 1680C – Mechatronics I	3	Professional	Fall, Spring

Term 4: Summer

Course	Credits	Course Type	Terms Offered
BCN 2732 – Industrial Safety & Human Factors	3	Professional	Fall, Spring, Summer
ETS 1681C – Mechatronics II	3	Professional	Summer

Minimum Grade Requirement(s)

- ☐ A minimum grade of C or higher is required in all Professional coursework.

Stay on Track

Meet the technical certificate graduation requirements:

- ☐ Fulfill all academic requirements for the chosen program of study as outlined in the Florida State College at Jacksonville catalog and curriculum.
- ☐ Earn minimum prescribed semester hours for the chosen program of study with a cumulative grade point average of 2.0 (C) on a 4.0 scale on all courses that apply to the chosen program of study.
- ☐ Complete a minimum of 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.
- ☐ Fulfill all obligations, financial or otherwise, to the College before graduating.

More Information Online

Program Webpage: fscj.edu/program?pcode=6044

Program Catalog Page: catalog.fscj.edu/programs/6044