

The Associate in Science (A.S.) Degree in Industrial Management Technology prepares students for mid-level management employment by providing meaningful learning and excellent teaching.

The program presents opportunities for students with military/business/apprenticeship experience to apply leadership and critical thinking skills that align with industry best practices. The program is committed to being a leading partner in creating a dynamic, prosperous community of enlightened leaders and thoughtful, effective global citizens.

<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.

Available Elective Tracks

Students may choose, via elective courses, to focus on industrial management technology or automotive service technology, or utilize articulated credit from career certificate (clock hours program) or apprenticeship program to fulfill professional elective coursework options.

Advising

(904) 633-8228 or act@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 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 higher-level MAC prefix course or MAP 2302: Differential Equations or MGF 1106: Topics in College Mathematics or MGF 1107: Explorations in Mathematics or STA 2023: Elementary Statistics	3-5	Varies
<input type="checkbox"/>	FIN 2000: Principles of Finance	3	All
<input type="checkbox"/>	GEB 1011: Introduction to Business	3	All

Term 2

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	AMH 2020: United States History From 1877 to the Present or POS 2041: American Federal Government	3	Varies
<input type="checkbox"/>	MAN 2021: Principles of Management	3	All
<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 2732: OSHA Safety	3	All

Term 3

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	CGS 1100C: Microcomputer Applications for Business and Economics	3	All
<input type="checkbox"/>	ENC 2210: Technical Report Writing	3	All
<input type="checkbox"/>	MAN 2125: Supervision and Performance Improvement	3	All
<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

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.

Career Options

This mid-level management degree program is designed to prepare students for initial employment with an occupational title as industrial (supervisory) manager.

Remaining Terms: Professional Elective Coursework

The remaining terms will consist of a **minimum of 24 credit hours** selected from Professional Elective Coursework Options. Credits must be completed through one the specified tracks or a combination thereof: Industrial Management Technology, Automotive Service Technology, or Articulated Credit from Career Certificate (Clock Hours Program) or Apprenticeship Program.

Total Program Credit Hours

The **Industrial Management Technology** 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: 24

Industrial Management Technology Track

Students in the Industrial Management Technology Track may utilize Military Service Credits and/or Corporate Training Credits to fulfil some or all of the required Professional Elective Coursework required credit hours.

Military Service Credits: ACE Guide for the Military: Credits awarded using ACE Guide recommendations by evaluation of appropriate military paperwork including SMART transcript for U.S. Navy and Marine Corps, AARTS transcript for U.S. Army, USCGI transcript for U.S. Coast Guard, ARNGESC transcript for Army National Guard, and/or Community College of the Air Force transcript.

Corporate Training Credits: ACE Guide for Corporate Training: Credits awarded using ACE Guide recommendations by evaluation of appropriate corporate training (Official ACE Corporate transcript).

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours
<input type="checkbox"/>	Military Service Credits	Varies
<input type="checkbox"/>	Corporate Training Credits	Varies
<input type="checkbox"/>	ACG 2021: Financial Accounting	3
<input type="checkbox"/>	BUL 2131: Business Law I: The Legal Environment of Business	3
<input type="checkbox"/>	CGS 1060C: Introduction to Information Technology	3
<input type="checkbox"/>	ECO 2013: Principles of Economics I	3
<input type="checkbox"/>	MAN 2043: Quality Management	3
<input type="checkbox"/>	MAN 2582: Introduction to Project Management	3
<input type="checkbox"/>	OST 1355: Introduction to Information and Records Management	3
<input type="checkbox"/>	OST 1384: Introduction to Customer Service	3
<input type="checkbox"/>	QMB 2100: Business Statistics or STA 2023: Elementary Statistics	3

Automotive Service Track

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours
<input type="checkbox"/>	AER 1081C: Introduction to Automotive Technology	4
<input type="checkbox"/>	AER 1694C: Electrical Systems I	4
<input type="checkbox"/>	AER 2695C: Electrical Systems II	4
<input type="checkbox"/>	AER 1498C: Steering and Suspension	4
<input type="checkbox"/>	AER 1198: Engines	4
<input type="checkbox"/>	AER 1598C: Brake Systems	4

Program Learning Outcomes

While completing this program, students will learn:

- Planning, management, and finance of industrial applications
- Principles of issues related to industrial technology
- Information about labor, safety and environment of industry applications

Articulated Credit from Career Certificate (Clock Hours Program) or Apprenticeship Program

<input checked="" type="checkbox"/>	Course: Course Title
<input type="checkbox"/>	MNA 1949A: Industrial Technical Practicum: Air Conditioning, Refrigeration and Heating Technology
<input type="checkbox"/>	MNA 1949B: Industrial Technical Practicum: Welding Technology
<input type="checkbox"/>	MNA 1949C: Industrial Technical Practicum: Automotive Collision Repair and Refinishing
<input type="checkbox"/>	MNA 1949D: Industrial Technical Practicum: Building Trades and Construction Design Technology
<input type="checkbox"/>	MNA 1949E: Industrial Technical Practicum: Cosmetology
<input type="checkbox"/>	MNA 1949F: Industrial Management Practicum: Electricity
<input type="checkbox"/>	MNA 1949G: Industrial Technical Practicum: Medium and Heavy Duty Truck and Bus Technician
<input type="checkbox"/>	MNA 1949H: Industrial Management Practicum: Apprenticeship