

INDUSTRIAL MANAGEMENT TECHNOLOGY, ASSOCIATE IN SCIENCE

Program Code: IMAS
Meta-Major: BUSN
Location(s): Titusville
Delivery Method(s): On-Campus, Hybrid
Previous Degree Required: HS Diploma
Eligible for Financial Aid: Yes
Additional Limited Access Application Process Required: No
Program Testing Requirements: CPT - Common Placement Test (PERT, ACCUPLACER, SAT, ACT)
Classification of Instructional Programs (CIP) Code: 52.0205
Florida Department of Education CIP Code: 1652020501

The Industrial Management Technology program is primarily designed to provide supervisory and business management skills for individuals who have achieved technical proficiency from prior training programs or work experience. This degree focuses on providing an opportunity to complete college level coursework appropriate for management roles and upward mobility within their respective fields for individuals currently working in the industry. The required course work enhances previously mastered technical skills and prepares individuals for supervisory and/or advanced technical positions. General education courses are required to ensure good communication and computational skills. [Visit the program page for more details and how to apply.](#)

Program Requirements

Code	Title	Credit Hours
General Education Courses		
ENC 1101	Composition 1	3
MAC 1105	College Algebra	3
	Humanities Core Requirement	3
	Natural Science Core Requirement	3
	Social/Behavioral Science/Core-Civic Literacy Requirement	3
Major Courses		
ACG 2021	Financial Accounting	3
ACG 2071	Managerial Accounting	3
CGS 2100	Microcomputer Applications	3
GEB 1011	Introduction to Business	3
MAN 2021	Business Management Principles	3
MAR 2011	Marketing Principles	3
MNA 2300	Introduction to Human Resource Management	3
Technical Electives		
Select 24 credits from the following:		24
BUL 2241	Business Law 1	
EET 1084	Introduction to Electronics	
ETDC 2364	SolidWorks Fundamentals	
ETI 1701	Industrial Safety	
ETI 2110	Introduction to Quality Assurance	
ETIC 1830	Materials and Processes 1	
MAT 1033	Intermediate Algebra	

OST 1581	Professional Development in the Work Environment
PMTC 1203	Introduction to Machining
SPC 2608	Fundamentals of Speech Communication
Total Credit Hours	60

- Approved Apprenticeship Program equal to 4 or more years (24 technical elective credits)
- Approved Apprenticeship Program equal to 3 or more years (18 technical elective credits)
- Approved Career and Technical Certificate (CTC) programs shall articulate one college credit for each 30 clock hours not to exceed 24 credits.¹

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Students seeking articulated credit must enroll in a state/community college within three years of a Career and Technical Certificate (CTC) certification. The articulate credit will be awarded after completing three (3) credit hours (with a grade of "C" or higher) in a higher level course.

Learning Outcomes: Industrial Management A.S.

1. Provide personnel management and support with employee recruitment, selection, promotion, performance, supervision and labor relations
 - *Supports Core Ability: Think Critically & Solve Problems*
2. Conduct customer service functions by identifying needs and monitoring industrial processes for quality standards
 - *Supports Core Ability: Think Critically & Solve Problems*
3. Utilize industrial technology concepts and problem-solving skills to improve operational procedures and practices
 - *Supports Core Ability: Think Critically & Solve Problems*
4. Develop and monitor budgets relative to labor, materials, personnel costs and capital outlays
 - *Supports Core Ability: Think Critically & Solve Problems*
5. Prepare and present technical reports and project proposals
 - *Supports Core Ability: TBD*
6. Record and maintain data collection systems to monitor quality of technical operational practices, procedures and business operations
 - *Supports Core Ability: Communicate Effectively*
7. Develop production planning schedules and identify timelines, materials, equipment, manpower and outside resources required for business practices, processes and workflow
 - *Supports Core Ability: Think Critically & Solve Problems*
8. Conduct general supervision of internal and external business resources, maintenance of inventory and schedules of suppliers
 - *Supports Core Ability: Process Information*
9. Implement and maintain environmental health and safety regulations, policies and required business procedures and practices
 - *Supports Core Ability: Communicate Effectively*