

# INDUSTRIAL MAINTENANCE/MILLWRIGHT TECHNOLOGY, A.A.S.

**Program Locations: The Academy at Fairhope Airport, Atmore, and Thomasville Campuses**

## Career-Technical Division

Length: Four Semesters

The Industrial Maintenance/Millwright Technology program is designed to help students exit the program with hands-on skills and knowledge recognized by industry partners as the key competencies to succeed in the field of industrial maintenance and/or millwright positions.

This is a career program designed for students to go directly into the labor market upon completion. Although some of the courses in this program will transfer to four-year institutions, this program is not designed to be a transfer program of study; therefore, it is not subject to the terms and conditions of STARS.

**Program: Industrial Engineering Technology**

**Type: A.A.S.**

## SEMESTER ONE

Item #	Title	Credits
IET 131 3	Fluid Power Systems	
WKO 110 3	NCCER Core	
ENG 101 3	English Composition I	
INT 117 3	Principles of Industrial Mechanics	
MTH 116 3	Mathematical Applications	
15	Sub-Total Credits	

## SEMESTER TWO

Item #	Title	Credits
IET 114 3	Basic Electricity	
CIS 146 3	Microcomputer Applications	
INT 153 3	Precision Machining Fundamentals I	
INT 106 3	Elements of Industrial Mechanics	
3	ELT/IET/ILT/INT/ACR Elective	
3	ELT/IET/ILT/INT/ACR Elective	
18	Sub-Total Credits	

## SEMESTER THREE

Item #	Title	Credits
INT 132 3	Preventive and Predictive Maintenance	
ILT 108 3	Introduction to Instruments and Process Control	
INT 232 3	Manufacturing Plant Utilities	
3	SPH 106 or SPH 107	
3	ELT/IET/ILT/INT/ACR Elective	
3 - 4	MTH, SCI, CIS 130 or CIS 147	
18-19	Sub-Total Credits	

## SEMESTER FOUR

Item #	Title	Credits
INT 134 3	Principles of Industrial Maintenance Welding and Metal Cutting Techniques	
INT 127 3	Principles of Industrial Pumps and	
3	ELT/IET/ILT/INT/ACR Elective	
3	IET Humanities Elective (3 SH)	
3	History, Social Science, or Behavioral Science Elective	
WKO 107 1	Workplace Skills Preparation	
16	Sub-Total Credits	
<b>Total credits:</b>		
<b>67-68</b>		