

INDUSTRIAL MAINTENANCE/MILLWRIGHT TECHNOLOGY INDUSTRIAL ENGINEERING TECHNOLOGY

Associate in Applied Science Degree

LENGTH: Six Semesters

PURPOSE: 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 .

AREA I	WRITTEN COMPOSITION	3 SH
ENG 101.....	English Composition I	3
AREA II	HUMANITIES AND FINE ARTS.....	6 SH
Humanities Electives	ART 100, MUS 101, PHL 200, PHL 206, REL 151, or REL 152.....	3
SPH 107	Fundamentals of Public Speaking	3
AREA III	NATURAL SCIENCES AND MATHEMATICS	9-10 SH
MTH 116 or MTH 100	Mathematical Applications or Intermediate College Algebra	3
CIS 146.....	Microcomputer Applications	3
Electives	MTH, SCI, CIS 130, or CIS 147.....	3-4
AREA IV	HISTORY, SOCIAL, AND BEHAVIORAL SCIENCES	3 SH
Electives	ANT, ECO, GEO, HIS, POL, PSY, or SOC.....	3
AREA V	PRE-PROFESSIONAL, MAJOR, AND ELECTIVE COURSES	46 SH
IET 114	Basic Electricity.....	3
IET 131	Fluid Power Systems	3
ILT 108.....	Introduction to Instruments and Process Control.....	3
INT 106.....	Elements of Industrial Mechanics	3
INT 117.....	Principles of Industrial Mechanics	3
INT 132.....	Preventative and Predictive Maintenance	3
INT 127.....	Principles of Industrial Pumps and Piping Systems	3
INT 134.....	Principles of Industrial Maintenance Welding & Metal Cutting Techniques.....	3
INT 153.....	Precision Machining Fundamentals I	3
INT 215.....	Troubleshooting Techniques.....	3
INT 232.....	Manufacturing Plant Utilities	3
Electives	ACR, ELT, IET, ILT, or INT	9
WKO107 or ORI 101.....	Work Place Skills Preparation or Orientation to College	1
WKO 110.....	NCCER Core.....	3
Total Hours	67-68 SH	

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.