

• INDUSTRIAL MAINTENANCE TECHNOLOGY •
Associate in Applied Science Degree

LENGTH: Six-Semester (Two-Year) Program

PURPOSE: The Associate in Applied Science degree in Industrial Maintenance is an occupational degree, which introduces the principles of preventive, predictive, and corrective maintenance. Students will learn to perform troubleshooting and analysis on machinery used in various facilities and apply sound maintenance practices in all aspects of their work.

AREA I WRITTEN COMPOSITION

ENG 101..... English Composition I..... 3

AREA II HUMANITIES AND FINE ARTS

ART 100 or MUS 101 Art Appreciation or Music Appreciation 3

SPH 107 Fundamentals of Public Speaking 3

AREA III NATURAL SCIENCES AND MATHEMATICS

CHOOSE TWO OF THE FOLLOWING COURSES:..... 6

MTH116 or more advanced..... Mathematical Applications or more advanced

BUS150 Business Math

CIS 146..... Microcomputer Applications

AREA IV HISTORY, SOCIAL, AND BEHAVIORAL SCIENCES

Elective History, Social, or Behavioral Science Elective 3

PSY200 or SOC200 Principles of Psychology or Introduction to Sociology 3

AREA V PRE-PROFESSIONAL, MAJOR, AND ELECTIVE COURSES

IET 111..... DC Fundamentals..... 3

IET143..... Principles of Electricity..... 3

IET 122..... Rotating Machinery & Controls I..... 3

ELT 222 Motor Controls II..... 3

INT117 Principles of Industrial Mechanics 3

INT126 Preventive Maintenance 3

CAR111 Construction Basics 3

CAR114 Construction Basics Lab 3

WKO107 Work Place Skills Preparation..... 1

ILT 108 Intro to Instrumentation & Process Control..... 3

ILT 110 Advanced Industrial Process Control Technology 3

IET 231..... Intro to Programmable Logic Controllers..... 3

IET 232..... Advanced Programmable Logic Controllers 3

INT 118 Fundamentals of Industrial Hydraulics & Pneumatics..... 3

INT 218 Special Lab in Hydraulics & Pneumatics..... 2

CHOOSE TWO OF THE FOLLOWING:..... 6

INT158..... Industrial Wiring I

INT 161 Blueprint Reading for Industrial Technicians

INT 291 Cooperative Education

Total Hours 69

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.

CAREER TECHNICAL

• INDUSTRIAL MAINTENANCE TECHNOLOGY •
Training Certificate (PENDING APPROVAL)

DEGREE: Training Certificate

LENGTH: Two Semesters

PURPOSE: This program is designed to provide the student an opportunity to acquire the skills, knowledge and understanding needed to enter the occupation as an entry-level Industrial Maintenance Technician.

ADMISSION: Admission to this training certificate program is open to all who declare this major.

IET 111.....	DC Fundamentals	3
IET 143.....	Principles of Electricity.....	3
INT 117.....	Principles of Industrial Maintenance	3
INT 118.....	Fundamentals of Industrial Hydraulics & Pneumatics.....	3
INT 126.....	Preventative Maintenance	3
INT 218.....	Industrial Hydraulics & Pneumatics Lab.....	3
WKO 107.....	Workplace Skills Preparation.....	1
Total Hours		19

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