

**• INDUSTRIAL MAINTENANCE TECHNOLOGY
BUILDING CONSTRUCTION CONCENTRATION •
Associate in Applied Science Degree**

LENGTH: Six-Semester (Two-Year) Program

PURPOSE: The Associate in Applied Science degree in Building Technology 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 101Art Appreciation or Music Appreciation 3
SPH 107Fundamentals 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
BUS150Business Math
CIS 146.....Microcomputer Applications

AREA IV HISTORY, SOCIAL, AND BEHAVIORAL SCIENCES

ElectiveHistory, Social, or Behavioral Science Elective 3
PSY200 or SOC200Principles 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 and controls 3
ELT 222Motor Controls II..... 3
INT117Principles of Industrial Mechanics 3
INT211Industrial Motors II..... 3
CAR111Construction Basics 3
CAR114Construction Basics Lab 3
WKO107Work Place Skills Preparation..... 1
CAR112Floors, Walls and Site Prep..... 3
CAR113Floors, Walls and Site Prep Lab 3
DDT104.....Introduction to Computer Aided-Drafting..... 3

CHOOSE TWO OF THE FOLLOWING:..... 6
INT158Industrial Wiring I
INT 161Blueprint Reading for Industrial Technicians
INT 291Cooperative Education

Total Hours..... 61

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.

• BUILDING TECHNOLOGY •
Training Certificate

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 carpentry.

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

CAR111	Construction Basics	3
CAR112	Floors, Walls and Site Preparation	3
CAR113	Floors, Walls and Site Preparation Lab.....	3
CAR114	Construction Basics Lab	3
BUC111.....	Basic Construction Layout.....	3
CAR132	Interior and Exterior Finish	3
WKO107	Workplace Preparation Skills	1
CHOOSE TWO OF THE FOLLOWING COURSES		6
CAR131	Roof and Ceiling Systems	
CAR133	Roof and Ceiling Systems Lab	
CAR224	Floor, Wall and Ceiling Specialties	
Total Hours		25

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