INDUSTRIAL TECHNOLOGY
CERTIFICATE (C)

DESCRIPTION: This program is designed to give students the basis for overall knowledge for employment in entry level positions in industry and manufacturing. Courses will include basic knowledge of electricity, safety, blueprint reading, math, computer, and necessary skills to attain and maintain employment in today's industrial workforce.

GENERAL EDUCATION REQUIREMENTS CREDITS: 6
MTH 110  TECHNICAL MATH I (3/4)
MTH 112  TECHNICAL MATH II (3/4)

CORE PROGRAM REQUIREMENTS CREDITS: 26
APP 100E  ELECTRICAL STUDIES FOR TRADES (3/4)^
APP 104E  AC & DC FUNDAMENTS (3/4)^
APP 106M  INDUSTRIAL SAFETY (.5/.5)^
CAD 150  3D MODELING (3/4)^
IND 229  HYDRAULIC & PNEUMATIC POWER (3/4)^
MET 200  MATERIAL SCIENCE (3/4)^
MFG 120  PRINT INTERPRETATION & PROCESSES (3/4)^
MFG 122  MANUFACTURING PROCESSES (3/3)^
SDE 201  JOB SEARCH STRATEGIES (1/1)^
WLD 134  INTRODUCTION TO WELDING TECHNIQUES (2/3)^
WLD 135  INTERMEDIATE WELDING (1.5/2.25)^

MINIMUM 32 CREDIT HOURS/42.75 CONTACT HOURS

NOTES:
^ Included in occupational specialty.
GPA of 2.0 or higher must be maintained in occupational specialty courses

INDUSTRIAL TECHNOLOGY
CERTIFICATE (C)
SUGGESTED SEQUENCE OF COURSES

YEAR 1 (FALL SEMESTER) CREDITS: 14.5
APP 100E  ELECTRICAL STUDIES FOR TRADES (3/4)
MTH 110  TECHNICAL MATH I (3/4)
APP 106M  INDUSTRIAL SAFETY (.5/.5)
MFG 120  PRINT INTERPRETATION & PROCESSES (3/4)
WLD 134  INTRODUCTION TO WELDING TECHNIQUES (2/3)
CAD 150  3D MODELING (3/4)

YEAR 1 (SPRING SEMESTER) CREDITS: 17.5
APP 104E  AC & DC FUNDAMENTS (3/4)
MTH 112  TECHNICAL MATH II (3/4)
MET 200  MATERIAL SCIENCE (3/4)
IND 229  HYDRAULIC & PNEUMATIC POWER (3/4)
MFG 122  MANUFACTURING PROCESSES (3/3)
SDE 201  JOB SEARCH STRATEGIES (1/1)
WLD 135  INTERMEDIATE WELDING (1.5/2.25)