

# 5 STEPS to SUCCESS

WITH PIONEER TECH

## Pre-Engineering Technology

ANNUAL SALARY: \$44,000 - \$66,000 | HOURLY SALARY: \$21.00 - \$32.00



### HIGH SCHOOL COURSES

- 9th grade**
- Algebra I or Geometry
  - Physical Science or Biology I
- 10th grade:**
- Geometry or Algebra II
  - Biology II or Chemistry
- 11th grade:**
- Algebra II, Trigonometry or Statistics
  - Chemistry or Physics
- 12th grade:**
- Precalculus, Trigonometry or Statistics
  - Physics



### PIONEER TECH PROGRAM

- Industrial Technology Pre-Engineering Technology**
- Automated/Robotic Manufacturing
  - Career Readiness A
  - Career Readiness B
  - Electrical Schematics and Blueprint Reading
  - Electrical Theory
  - Electronic Circuitry
  - Fundamentals of Computer Aided Drafting and Design
  - Industrial Safety
  - Material & Equipment Specifications
  - Mechanical Power Transmission Theory & Principles
  - Power Transmission Principles - Hydraulics
  - Power Transmission Principles - Pneumatics
  - Programmable Controller and Programming
  - Statics Applications
  - 3D Design & Manufacturing



### CERTIFICATIONS AVAILABLE

- Electrical/Electronic Mechanic
- Electronic System Associate
- Instrumentation Technician
- Industrial Maintenance Mechanic
- Fluid Power Mechanic
- Mechanical Power Transmission Mechanic
- Snap-On Multimeter Certification
- Wind Turbine Technician
- WorkKeys Career Readiness Certificate
- NC3 - Snap-On Multimeter
- NC3 - Introduction to Mechatronics
- SACA - Silver - 11 Total
- SACA - Gold - Electrical Systems 1, Electric Motor Control 1, Mechanical Power Systems 1



### CONTINUING EDUCATION

- OSUIT**
- AAS in Engineering Instrumentation Technology
  - BS in Engineering



### FUTURE EMPLOYMENT

- Continental Carbon
- General Electric
- OG&E
- Oklahoma Natural Gas
- Phillips 66

Enhancing Lives



Securing Futures