



**WORKFORCE DEVELOPMENT TRAINING**  
Fall 2018 CLASS SCHEDULE  
**Industrial Technology Complex - Grenada**

**Programmable Logic Controllers (30 hrs.)**

Location: Automation Lab Room #117

Cost: \$125.00

Meeting Days and Time: Monday, 4:30 pm – 7:30 pm

Dates: September 10 – November 12, 2018

Instructor: Nettie Coggin

Upon completion of this course, the participant should have an understanding of PLC systems, their operation, and programming basics using Allen Bradley systems.

**Basic Residential HVAC (30 hrs.)**

Location: HVAC Lab

Cost: \$125.00

Meeting Days and Time: Monday, 4:30 pm – 7:30 pm

Dates: September 10 – November 12, 2018

Instructor: David Hill

Upon completion of this course, the participant should have an understanding of the operation of a residential Heating and Air System. This course will consist of lecture and hands-on practice. Topics that will be covered include general safety, tubing & piping, recovery, electrical components, and troubleshooting.

**Hydraulic Systems (30hrs.)**

Location: Hydraulics Lab Room # 129

Cost: \$125.00

Meeting Days and Time: Tuesday, 4:30 pm – 7:30 pm

Dates: September 11 – November 13, 2018

Instructor: Herman Cummins

Upon completion of this course, the participant should have an understanding of the fundamentals of fluid power systems with emphasis on operation and maintenance of industrial systems. The participant will construct actual circuits and observe typical components in actual operational situations.

**Shielded Metal Arc & Gas Metal Arc Welding (36 hrs.)**

Location: Welding Lab

Cost: \$125.00

Meeting Days and Time: Thursday, 4:30 pm – 7:30 pm

Dates: September 13 – December 6, 2018

Instructor: Clark Faulkner

Upon completion of this course, the participant should have an understanding of the hazards of SMAW & GMAW, how to set-up and maintain semi automatic arc welding unit, and make satisfactory welds in flat, vertical, horizontal, and overhead positions.

**Introduction to Machine Shop (30 hrs.)**

Location: Room #117 and Machine Tool Lab #150

Cost: \$125.00

Meeting Days and Time: Thursday, 4:30 pm – 7:30 pm

Dates: September 13 – November 15, 2018

Instructor: Will Tolliver

Upon completion of this course the participant should be able to interpret shop drawings, take measurements using calipers and micrometers, and perform basic turning and milling operations. The participant will also be introduced to heat treating, work layout, metal identification systems, systems of measurement, and other related machining topics.

**Industrial Electricity (45 hrs.)**

Location: Room # 118

Cost: \$125.00

Meeting Days and Time: Thursday, 4:30 pm – 7:30 pm

Dates: August 23 – December 6, 2018

Instructor: Herman Cummins

Upon completion of this course, the participant should have a basic understanding of how to work safely with electricity, understand the relationship between voltage, current, & resistance, learn how to use measuring devices (VOM, Amp Probes, etc...), and Industrial Motor Control.

**For registration contact: Slade Redwine @ 662-227-2349 or [sredwine@holmescc.edu](mailto:sredwine@holmescc.edu)**