



## **WORKFORCE DEVELOPMENT TRAINING**

**Industrial Technology Complex  
Grenada Center**

### **Fall 2015 CLASS SCHEDULE**

***Class Space is Limited***

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

Location: Automation Lab Room #117

Cost: \$125.00

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

Dates: September 14 – November 16, 2015

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 Room # 137

Cost: \$125.00

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

Dates: September 14 – November 16, 2015

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.

#### **Hydraulics/Pneumatics I (30hrs.)**

Location: Hydraulics Lab Room # 129

Cost: \$125.00

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

Dates: September 15 – November 17, 2015

Instructor: Herman Cummins

Upon completion of this course, the participant should have an understanding of the fundamentals of fluid power systems with emphasis on safety, symbols, valves, troubleshooting and 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 Room #142

Cost: \$125.00

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

Dates: September 17 – December 10, 2015

Instructor: Clark Faulkner

Upon completion of this course, the participant should have an understanding of 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.

**Industrial Electricity I (30 hrs.)**

Location: Room # 118

Cost: \$125.00

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

Dates: September 17 – November 19, 2015

Instructor: Herman Cummings

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 the basics of Industrial Motor Control.

**For registration and more information**

**Please contact: Slade Redwine @ 662-227-2349**

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