



WORKFORCE DEVELOPMENT TRAINING

**Industrial Technology Complex
Grenada Center**

Spring 2018 CLASS SCHEDULE

Class Space is Limited

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: February 19 – April 30, 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.

Advanced Residential AC (30 hrs.)

Location: HVAC Room # 137

Cost: \$125.00

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

Dates: February 19 – April 30, 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, indoor air quality, air distribution & balance, electrical components, and duct material & installation.

RSLogix 5000 Programming and Operation for CompactLogix Processors w/EtherNet (30 hrs.)

Location: Automation Lab Room #117

Cost: \$125.00

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

Dates: February 20 – May 1, 2018

Instructor: Nettie Coggin

Upon completion of this course, the participant should have an understanding of the tag structure, set up operation, and communication basics using the AB 5000 systems. The training will also include creating panel view programs using FactoryTalk View software.

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

Location: Welding Lab Room #142

Cost: \$125.00

Meeting Days and Time: Thursday, 4:30-7:30

Dates: February 22 – May 17, 2018

Instructor: Clark Faulkner

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

****See Back****

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: February 22 – May 3, 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: February 22– June 7, 2018

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 Industrial Motor Control.

For registration and more information

Please contact: Slade Redwine @ 662-227-2349

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