



WORKFORCE DEVELOPMENT TRAINING

Industrial Technology Complex

Grenada Center

Spring 2016 CLASS SCHEDULE

Class Space is Limited

RSLogix 5000 Programming and Operation for CompactLogix Processors w/EtherNet

Location: Automation Lab Room #117

Cost: \$125.00

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

Dates: January 25 – April 4, 2016

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 5000 systems. The training will also include creating panel view programs using FactoryTalk View software.

Advanced Residential AC (30 hrs.)

Location: HVAC Room # 137

Cost: \$125.00

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

Dates: January 25 – April 4, 2016

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.

Residential & Light Commercial Electrical Wiring (30 hrs.)

Location: Room # 126

Cost: \$125.00

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

Dates: January 26 – April 5, 2016

Instructor: Herman Cummings

This course provides skills related to the wiring of single-family buildings. This course includes instruction and practice in service entrance installation, branch circuits, and National Electrical Code (NEC) standards for residential buildings. This course will also cover the skills related to the wiring of multifamily and small commercial buildings. This course includes instruction and practice in service entrance installation, specialized circuits, and the use of commercial raceways.

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: January 28 – April 21, 2016

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.

Beginning SolidWorks (30 hrs.)

Location: CAD Lab

Cost: \$50.00

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

Dates: January 28 – April 7, 2016

Instructor: Tiffany Smith

Upon completion of this course, the participant should have an understanding of how to create a model using SolidWorks software. The participant will learn the different commands and how to create parts, assemblies, and drawings. This training course will use instructor lead hands-on, exercise-intensive approach to important modeling techniques and concepts.

Industrial Electricity I (30 hrs.)

Location: Room # 118

Cost: \$125.00

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

Dates: January 28 – April 7, 2016

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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