

## **WELDING PROGRAM**

Welding is a two year program. Students will learn to perform welding processes according to diagrams, blueprints, and written specifications. Study will follow the industry recognized National Center for Construction Education and Research (NCCER) Training Program. The program allows the student nationally recognized certification through NCCER.

### **Students will be taught these processes:**

- ✓ Shielded Metal Arc Stick Welding
- ✓ Gas Metal Arc Welding - MIG
- ✓ Oxy-Fuel Gas Cutting
- ✓ Plasma Arc Cutting
- ✓ Flux-Cure Arc Welding

### **Students will be introduced to:**

- ✓ Welding Safety
- ✓ Welding Certifications
- ✓ Project or Job Planning
- ✓ Welding Chemistry & Math
- ✓ Precision Measurement
- ✓ Blueprint Reading

## **CAREER OPPORTUNITIES**

Mississippi continues to have many opportunities in the welding field. The American Welding Society believes that as welding automation becomes more important there will be an even greater need for welding engineers with a bachelor's degree.

Welders work in manufacturing plants, construction sites, utility installations, and repair shops. Two-thirds of all welders are employed in manufacturing plants that produce motor vehicles, ships, boilers, machinery, appliances, and other metal products. Other welders work for repair shops or for construction companies that build bridges, large buildings, pipelines, and other metal structures. Depending on the work site, welders may spend their day inside, outside or in confined spaces such as tunnels or large storage tanks.

Additional postgraduate welding classes are available at Jones County Junior College

## **SKILLS AND KNOWLEDGE**

- Working with tools and machines
- Mechanical Aptitude
- Working with precision instruments
- Manual dexterity
- Good hand/eye coordination
- Being comfortable with repetitive work

### **In addition to these specific skills, everybody needs the following:**

- Reading, writing and arithmetic
- Speaking and listening
- Computer literacy
- Problem solving and decision making
- Understanding the broader picture
- Working with people
- A strong work ethic
- A positive attitude
- Independence and initiative
- Self presentation

## ADMISSIONS

Admission is by application. Students interested in the program should apply during their freshman year. They will begin their program of study during their sophomore year. Applications are available through the CTC guidance department.

For more information contact:

Ms. Becky Sanders at 601-649-4145



## Dedric Cobbert:

**Welding Instructor, Laurel High School Career and Technical Center**



The Laurel High School Career and Technical Center does not discriminate on the basis of sex, race, religion, age, handicap, national origin, or veteran status. Kenda Covington has been designated to handle inquiries and complaints regarding the non-discrimination policies of the Laurel School District. She can be reached at 601-649-6391, Gardiner Administrative Building, 303 West 8th Street, Laurel, Ms 39440

## Laurel High School Career and Technical Center

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