

# METALS TECHNOLOGY

Pat Haney, Instructor

## TRAINING STUDENTS FOR ENTRY-LEVEL POSITIONS SUCH AS:

Metals Technology prepares students for entry-level positions in industrial, high tech manufacturing, auto/tech manufacturing, construction, and maintenance/repair.

Wherever there is metal – a skyscraper, a bicycle, a space shuttle, a car, a “clean room”, or an offshore drilling platform – a welder has had a hand in putting it together.

## BENEFITS OF THIS CLASS:

- 35 welding stations and a full fabrication lab
- Ability to specialize in areas of interest
- Opportunity to work on contracted projects for local industry
- Can be taken for one or two years
- 30 high school credits earned per year



## IN THIS CLASS, STUDENTS LEARN:

- Gas metal arc welding (MIG), gas tungsten arc welding (TIG), oxyacetylene welding, brazing, cutting, shielded metal welding (STICK), and flux corded arc welding
- Use of welding in the auto industry
- General fabrication techniques
- Blueprint reading, layout of a job
- Safe practices and government regulations
- Use care for tools and equipment
- Valuable skills you can use for a lifetime



## UPON SUCCESSFUL COMPLETION OF CLASS, STUDENTS RECEIVE:

- Certificate of Achievement recognized in the business community
- Letter of Competency explaining what you learned and your degree of skill
- Employability skills
- Job placement assistance
- Reference from instructor

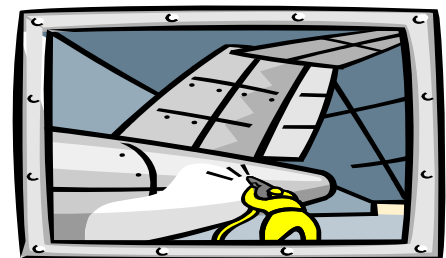
## JOB MARKET INFORMATION:

Welding is an ancient and amazing skill, changing, shaping, and cutting metal with fire. There is still a demand for welding skills wherever automotive repair, building construction, ornamental ironwork, and many machinery jobs are done. Welding is a skill needed in the computer industry wherever “clean rooms” are constructed. Besides the typical ways welding is used in industry, welding skills are used in fine artwork, ornamental furniture, railings and other artistic creations.



## ABOUT THE INSTRUCTOR:

**Pat Haney**, “The Master of Metals,” is a CCOC graduate. He has worked in a variety of welding positions in industry and is regarded as a leader and authority in the field. Fortunately for CCOC students, Mr. Haney returned to his welding “roots” at CCOC to train students in both the day and evening programs. Besides shepherding students at CCOC, Mr. Haney serves as a trainer for professional welders needing updating and recertifying their skills.



# School-to-Career Pathway

