CLASS TITLE: **WELDER**

DEFINITION: Under general supervision, performs skilled arc welding and metal bracing for all district schools in fabricating metal fixtures; and performs related work as related.

EXAMPLE OF DUTIES:

- Designs, fabricates installs a variety of sheet metal structures
- Welds and repairs pipe and metal fixtures such as ducts, canopies, hoods and exhaust systems
- May instruct new craft workers and helpers
- Lays out work and specifies materials
- Estimates labor costs and orders parts
- Reads and interprets blueprints
- Maintains stock of materials
- Insures that power and shop tools are properly maintained
- Cuts, forms and shapes recreation area equipment
- Assists other skilled crafts
- May perform related

DESIRABLE QUALIFICATIONS:

Training and Experience: A combination of training and experience equivalent to completion of a recognized welder apprenticeship program and at least two years of journey-level experience in the welding trade.

Knowledge of:

- The methods, materials, equipment and practices used in arc welding
- The working properties of metals

Skills in:

- Operating electric and acetylene welding equipment

Ability to:

- Read and interpret plans and specifications
- Coordinate the work of others ability to lay out and estimate work
- Keep records and prepare reports
- Establish and maintain effective working relationships with others

Licenses and Certificates:

- A valid California Driver's License