



SKILLED & TECHNICAL SCIENCES ACADEMY

WELDING



Course Sequences

Required:

Metals I

Metals II (includes OSHA General Certificate)

Recommended but not required:

Technical Math*

Student Organization:



OVERVIEW:

Students in the Welding Academy will be introduced to welding safety, fundamentals of oxyacetylene welding, shielded metal arc welding, gas metal arc welding, and gas tungsten arc welding. They will also be instructed with a variety of welding positions on assorted gauges of metal and basic fabrication. In addition, students are instructed in the setup and safe operation of Oxyacetylene torch and plasma cutting. A variety of hands-on projects and experiments integrate and reinforce theoretical concepts in the laboratory setting.

Possible Careers:

Welder, Manufacturing, Construction, Industrial Maintenance and Repair, Inspector, Engineer, Robotics, and Project Management,