

**WELDING TECHNOLOGY - 3 Credits**

**PREREQUISITES:**

The student must be sufficiently mature and able to read and write on a 9th grade level and be able to use fractions and decimals. The student should have finger dexterity and spatial aptitude and should not be color blind. Excellent attendance record is recommended.

**DESCRIPTION:**

The Welding course is planned to give the student entry level skill in the welding field. The student will receive training in blueprint reading, metal fabrication, and welding theory. Shop training will consist of the following: shielded metal arc basic and advanced, oxygen ace welding and cutting, MIG welding, TIG welding, plasma arc cutting, and related metal working equipment. Students completing the course will have an opportunity to take the West Virginia Welding Certification Test.

*Offered 2007-2008*

*WELDING TECHNOLOGY: 198309 (3 credits)*

WELD-THRML - Thermal Cutting & Welding (180 hours; 1<sup>st</sup> semester) 199519

WELD-GAS MTL - Gas Metal Arc Welding (180 hours; 2<sup>nd</sup> semester) 198729

WELD-BLPRT - Blueprint Reading and Metallurgy (180 hours both semesters) 198319 & 198329

*Offered 2008-2009*

*WELDING TECHNOLOGY: 198509 (3 credits)*

WELD-FUND - Fundamentals of Welding Technology (180 hours; 1<sup>st</sup> semester) 198519

WELD-SHLD - Shielded Metal Arc Welding (180 hours; 2<sup>nd</sup> semester) 199329

WELD-ARC - Arc Welding (180 hours; both semesters) 198119 & 198129