

CTE

Academy

Manufacturing & Welding

Welding II CTM 3220 1 Credit

Students will improve work and safety skills taught in Welding I; make and use workable plans for school and personal projects; improve out-of-position welding skills with S.M.A.W. (Shielded Metal Arc Welding), G.T.A.W. (Gas Tungsten Arch Welding) and G.M.A.W. (Gas Metal Arc Welding); become proficient in use of plasma cutter and wire feed welding processes. Students will prepare for Advanced Welding by accomplishing pre-hiring paperwork, such as resume, OSHA safety training, and interview skills.

Prerequisite CTM-3220 Students will be exposed to gas tungsten arc welding, aluminum welding, gouging, blueprint reading, and heavy duty welding applications for large scale welding projects. Students will be expected to shadow a professional in the field to understand the physical attributes of the career and will be eligible to participate in a field experience.

