

**MIG Welding**  
**(Metal Inert Gas)**  
**AKA: Wire Feed Welding**



MIG welding is the simplest way for a beginner to produce quality welds in mild steel.

See an technician to schedule a demonstration before attempting any welding.

Use only raw mild steel. (Galvanized) steel and steel coated with paint and other products may off-gas toxic fumes while welding)

Always ground the workpiece or table.

Always don a welding hood prior striking any arc.

Turn on shielding gas.

Adjust voltage and wire feed speed as appropriate for the material and workpiece thickness.

ALWAYS close shielding gas tank when you're done welding.

**TIG Welding**  
**(Tungsten Inert Gas)**  
**AKA: HeliArc Welding**

TIG Welding is an advanced welding process that can produce the best welds in a variety of materials (mild steel, tool steel, stainless steel, aluminum, titanium, etc)

Schedule an Orientation with Kevin before attempting any TIG welding.

Always ground the workpiece or table.

Always don a welding hood prior striking any arc.

Turn on shielding gas.

Adjust controls for the material and thick-ness of workpieces.

Select proper electrode for the job.

ALWAYS close shielding gas tank when you're done welding.

