

# Weld Joint

## *Directions:*

Welding a joint is a necessary technique to learn as a welder. This activity will help you gain experience not only by welding a joint yourself, but by watching your classmates as they weld the joints they selected.

1. Select which of the five weld joints to demonstrate.
2. Gather all necessary materials to complete the weld. This includes personal safety equipment, base metal, electrode, etc.
3. Prepare your work area by performing the proper safety and set-up procedures.
4. Perform several dry runs of your weld and make sure you are comfortable with the technique. If you are having trouble, ask your instructor for help.
5. Strike an arc and complete your weld. Remember to alert your classmates when you are ready to strike the arc so they have time to lower their welding helmets to watch your weld.
6. Once completed, show your weld to the class and describe the joint you chose and in what kind of situations it would be implemented. Also discuss any issues you encountered in creating the weld. This will help everyone learn the proper technique.
7. Turn in the weld for a grade.