

Learning Aid: guideWELD® VR welding Simulator (MIG)

Recommended Lesson: *Unit 3: Lesson 1: Intro to Welding Simulation*

Required Materials:

- *guideWELD® VR*
- *guideWELD® VR Student Guide*

Steps:

FOCUS:

1. Take a few minutes (5-15) to go through the guideWELD® VR student guide. Review how to do a proper weld. Make sure you understand how the software program works.
2. Start the guideWELD® VR and pick a weld to start working on. The goal is to do as many welds as possible in the time allotted. At the same time, you should continue to improve upon your welds, so make sure you are following the guides to help improve your welding technique.

LEARN:

1. Pick 2-5 welds to do and complete the welding simulation with those welds. Once you have gotten 5 welds in a row of over 80% or higher on a specific weld, you can move on to the next weld. This should take you anywhere between 20 and 30 minutes. If you want to add welds to this, you may do that at this time also.

REVIEW:

1. Do a test of the 2-5 welds that you have practiced, once you are done with a test, either save the PDF for a grade or your portfolio of welds or print it off to show your welding ability.
2. You should be able to do up to 5 tests on a single weld and use the best score for your overall grade for that weld.