

GUIDELINES - Stick Welding I

A. The student must earn no less than a B for the final grade.

B. The student must be a junior or senior to receive the Articulation College Credit Certificate.

C. The student must enroll at the higher education institution within two years of high school graduation.

The student must master all of the following to receive 1 of 2 credits of WELD 1316:

1) Using the Shielded Metal Arc Welding process:

- Weld stringer beads with 7014 electrode
- Weld stringer pad with 7014 electrode
- Weld tee joints with 7014 electrode
- Weld lap joints with 7014 electrode
- Weld corner joint with 7014 electrode
- Weld stringer bead with 6010 electrode
- Weld stringer pad with 6010 electrode
- Weld tee joints with 6010 electrode
- Weld lap joints with 6010 electrode
- Weld corner joint with 6010 electrode
- Weld stringer beads with 6013 electrode

These jobs will be welded using 1/8" 7014 electrodes:

- 2F Three pass lap
- 2F Three pass tee
- 1G Three pass corner

These jobs will be welded using 3/32" 6013 electrodes on thin gauge materials:

- 3F Lap
- 3F Tee
- 3F Corner
- 3F Sq. groove

These jobs will be welded using 3/32-1/8" 7018 electrodes:

- 2F three pass lap
- 2F Three pass tee
- 1G Three pass corner

These jobs will be welded using 3/32-1/8" 6010 electrodes:

- 2F three pass lap
- 2F Three pass tee
- 1G Three pass corner with full pen.
- 1G single vee 6010 root/7018 cover
- 1G single bevel 6010 root/7018 cover

NEXT REVIEW Sept 2023