

Undergraduate Certificate in Welding Technology

Program Student Learning Outcomes

Students graduating with an Undergraduate Certificate in Welding Technology will be able to:

- Demonstrate competence in the oxy-acetylene cutting process.
- Demonstrate competence in the preparation of steel-plate certified groove welds.
- Demonstrate competence in the welding of steel-plate all position groove welds.
- Demonstrate competence in the oxy-acetylene cutting process of steel pipe (both with freehand and machine cutting).
- Demonstrate competence in the preparation of steel pipe to be welded with the stick-electrode process for common sizes of pipe used in industry.
- Demonstrate competence in the welding of steel pipe per Procedure KPC-I for testing and welds common schedules and sizes of pipe used in industry.
- Complete structural and pipe certification national testing standards.