

PROGRAM OF STUDY

Pipe Fabrication/Welding Certificate of Specialization

The Welding Technology Certificate of Specialization in Pipe Fabrication/Welding provides training to gain technical and applied skills in the joining of carbon steel pipe. Coursework includes pipe layout fabrication and welding of pipe in the 1G, 2G, 5G, and 6G positions using shielded metal arc welding (SMAW), gas tungsten arc welding (GTAW) and gas metal arc welding (GMAW). Welder qualification performance exams in accordance with the American Petroleum Institute (API), American Society of Mechanical Engineers (ASME) and the American Welding Society are offered.

Student Learning Outcome:

Demonstrate the ability to fabricate and weld carbon steel pipe joints in multiple positions that meet industry code acceptance criteria.

Program Requirements:

		Units
WELD 113A	Introduction to Pipe Welding	4 - 0
WELD 113B	Pipe Layout and Fabrication	3 - 0
WELD 113C	Intermediate Pipe Welding	4 - 0
WELD 113D	Advanced Pipe Welding	4 - 0

Total Units

15

PID 375