

Program Description

The Maritime Welding Technology diploma program offers training in the practical aspects of construction and repair of equipment and structures built with steel. In addition to structural skills, students will learn to weld pipe in multiple positions. Instruction is presented in both classroom and laboratory using modern welding equipment and tools. Students gain hands-on experience in a realistic shop setting where they must demonstrate specific proficiencies. Emphasis is placed on safety and standard procedures followed in shipyards and repair facilities. This program prepares students for entry-level employment as a combination structural and pipe welder.

Course #	Course Requirements	Clock Hours	Credit Hours
ORN120	Fundamentals of Technology	100	4
MWT116	Symbols and Blueprint Reading	100	4
MWT117	Shielded Metal Arc Welding	100	4
MWT118	Gas Metal Arc Welding	100	4
MWT119	Gas Tungsten Arc Welding	100	4
MWT120	Flux Cored Arc Welding	100	4
MWT217	Shielded Metal Arc Welding, Structural	100	4
MWT218	Gas Metal Arc/Gas Tungsten Arc Welding, Aluminum	100	4
MWT219	Gas Tungsten Arc/Shielded Metal Arc Welding, 2G and 5G Pipe	100	4
MWT220	Shielded Metal Arc Welding, 2G and 5G Pipe	100	4
MWT221	Shielded Metal Arc Welding, 6G Pipe	100	4
MWT222	Advanced Process Projects and Certification	100	4
Total		1,200	48

- Students attend class four days per week on various schedules
- Program length is approximately 15 months (including breaks and holidays) - all schedules
- At the successful completion of the program, the student will receive a Diploma in Maritime Welding Technology