

Archived: September 9, 2021

## Trades and Applied Technology Programs

# Aluminum Boat Building

**Location Offered:**

Nanaimo

**Credential:**

Certificate

**Program Length:**

30 Weeks

## The Program

This program provides the student with fabrication and aluminum welding skills with a specialty in aluminum boat building. The areas focused on are: Work Practices and Procedures; Introduction and Program Orientation - Theory; Aluminum Characteristics; Gas Metal Arc Welding - Theory; Gas Metal Arc Welding - Practical; Aluminum Welding, Aluminum Fabrication; Aluminum Boat Building.

The students will be evaluated using written exams, assignments and practical work projects. Students must achieve 70% to be successful.

## Program Outline

<b>Aluminum Boat Building</b>
BOAT 100T - (Work Practices and Procedures)
BOAT 102T - (Introduction and Program Orientation - Theory)
BOAT 110T - (Aluminum Characteristics)
BOAT 112T - (Gas Metal Arc Welding - Theory)
BOAT 113T - (Gas Metal Arc Welding - Practical)
BOAT 120T - (Aluminum Welding)
BOAT 130T - (Aluminum Fabrication)
BOAT 140T - (Aluminum Boat Assembly)

*All program courses must be successfully completed before certificates will be issued.*

## Completion Requirements

Students must achieve a 70% average on all written and practical exams and assignments.

## Admission Requirements

- Grade 12 or equivalent, or mature student status.
- Mature students without Grade 12 will be required to complete an assessment test.
- Minimum 17 years of age.
- See also Trades general admission requirements.

### ***Notes on Admission***

- Adequate vision, and free from respiratory ailments.
- Physically suited to the trade.
- Applicants who do not possess the minimum educational requirements may substitute two years related work experience approved by the Program Coordinator in lieu of educational requirements.

### **Career Opportunities**

The Aluminum Boat Building Program gives graduates a marketable skill set in aluminum fabrication and welding. There are several aluminum boat manufacturers in the West Coast region. Aluminum welding and fabrication skills are not common and the demand for these skills is high. Graduates from this program are able to move into entry-level positions with aluminum boat builders or other fabrication shops specializing in aluminum construction.

### **Start Date and Application Deadline**

Archived: September 9, 2021