

## Trades & Applied Technology Programs

# Power Sports & Marine Technician

**Certificate Program (9 months)**

**Fee Category: VII**

## The Program

This entry-level program is suited to individuals with all levels of mechanical experience and prepares students for careers as inboard/outboard marine technicians or outdoor power equipment technicians. Upon successful completion, students receive an entry-level (Level I Apprentice) certificate in Power Sports and Marine Technician and may apprentice in either the Inboard/Outboard Marine Technician or the Outdoor Power Equipment field. The program encompasses theory, practical knowledge, and techniques essential to maintain and repair modern inboard/outboard marine and other small power products. Hands-on training with customer products is emphasized. Students are required to spend approximately one month on introductory basic mechanical skills prior to servicing customers' products.

**Note:** Human Resources and Skills Development Canada may assist students in this program; contact your local Employment Centre regarding eligibility for sponsorship.

***A free information session is usually held in February/March. Check with the Advising Centre for more details, 250-740-6410, or visit [viu.ca/infosessions](http://viu.ca/infosessions).***

## Career Opportunities

Graduates of this program may find work as apprentice inboard/outboard marine technicians or outdoor power equipment technicians. Job opportunities exist throughout BC.

Graduates of this program may receive credit towards the technical portion of the first year of the Inboard/Outboard Marine Technician Apprenticeship Program. In order to complete the apprenticeship and become a journeyperson, graduates would find an employer in the industry to provide on-the-job training, and return to a participating training institution for 4 weeks per year in each of the next three years. For more information on apprenticeship training, please visit the website at [www.itabc.ca](http://www.itabc.ca), contact the Industry Training Centre at 1-866-660-6011, or call VIU's Apprenticeship Coordinator at 250-740-6255.

## Admission Requirements

- Grade 12, or equivalent\*, or mature student status.
- Min. 17 years of age.
- Personal profile.
- Successful completion of assessment testing.

\* See a VIU Advisor for information on equivalencies.

**Apply for Admission Online or Print Application Form**

## **Notes on Admission**

- Good health and not allergic to solvents and lubricants.
- An interview may be required.

## **Start Date and Application Deadline**

The program starts in October, and applications are accepted from November 15 to March 31. Applications received after March 31 will be considered late and will be processed as space permits.

## **Special Expenses**

Students need to purchase textbooks, program modules, steel-toed shoes or boots, safety glasses, and solvent gloves totalling approximately \$485.

*All fees and costs are subject to change without prior notice.*

## **Program Outline**

- PSMT 110T (Shop Safety & Fire Protection)
- PSMT 115T (Engine Performance Measurements)
- PSMT 116T (Two Stroke/Four Stroke Engine Basics)
- PSMT 135T (Basic Electrical)
- PSMT 140T (Batteries)
- PSMT 141T (Starters and Charging Systems)
- PSMT 145T (Fuel Systems)
- PSMT 150T (Ignition Systems)
- PSMT 151T (Power Heads)
- PSMT 155T (Cooling Systems)
- PSMT 156T (Lubrication Systems)
- PSMT 160T (Gear Cases)
- PSMT 161T (Hydraulics)
- PSMT 170T (Welding)
- PSMT 201 (Inboard/Outboard Mechanic Level I)
- PSMT 202 (Inboard/Outboard Mechanic Level II)
- PSMT 203 (Inboard/Outboard Mechanic Level III)
- PSMT 204 (Inboard/Outboard Mechanic Level IV)
  
- ESFP 100T (Personal Management Skills)
- ESFP 105T (Power Sports and Marine Technician Math)
- ESFP 110T (Business Operations)
- ESFP 115T (The Emerging Workplace)
- ESFP 120T (Employment Strategies)

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

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