

Trades & Applied Technology Programs

Power Sports & Marine Technician

- **9-Month Certificate Program (27 credits)**
- **Offered at the Nanaimo campus**
- **Program Fees: Domestic Students, International Students**
- **Apply for Admission**

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.

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 journey person, 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, contact the Industry Training Centre at 1-866-660-6011, or call Tanya Reiber at Vancouver Island University toll-free at 1-888-920-2221 local 6112.

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 a VIU Advisor for information on equivalencies.

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 between November 15 and March 31. For further information regarding late applications and program contacts check the Program Availability List.

Program Outline

Power Sports & Marine Technician
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 165T - (Propping and Rigging)
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)

Essential Skills for the Workplace
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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