



Learner-Centred



Academic Excellence



Community Relevance



Organizational Effectiveness



BC's Indigenous Public Post-Secondary Institute

2026

Youth Explore Trades Skills

Program Content Guide

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PURPOSE

The Youth Explore Trades Skills (YETS) gives learners an opportunity to explore four trades: carpentry, culinary, welding, and electrical. Learners will also develop safe workplace practices and workforce skill development. Familiarity offers learners theoretical and practical knowledge in an experiential and realistic overview. As part of the program, learners will be job-ready by learning industry and trade-specific content, which could result in students qualifying for specific industry-related certificates such as First Aid, WHMIS, Fall Protection, FoodSafe, and SiteReadyBC.

The Youth Explore Trades Skills program is a partnership between NVIT and involved school districts. **This is a Dual Credit program registered with SkilledTradesBC.**

GOALS

Upon successful completion of this program, learners should be able to do the following in each assigned section:

Work Skills

- Learn and use essential trades skills such as communication, numeracy, study habits, collaboration, as well as reading and interpreting drawings.
- Use and apply safe work practices such as controlling workplace hazards, personal protective equipment (PPE), and fire prevention.
- Understand First Aid, WHMIS, Fall Protection, FoodSafe, and SiteReadyBC.
- Learn and describe the apprenticeship system and employer expectations to gain work experience.
- Use common hand and portable tools.

Carpentry/Welding/Electrical/Culinary

- Describe each trade and their associated careers; the scope of work and role of a carpenter, welder, electrician, and cook in their designated fields; and understand the history and culture of the carpentry, welding, electrical, and culinary trades.
- Describe and use safe vocational practices to control vocational related hazards by following emergency procedures and protocols, use personal protective equipment (PPE), and identify hazards to apply appropriate control measures.
- Identify, describe, and use a variety of tools and equipment common to each trade by demonstrating safe and appropriate usage.
- Identify and describe construction materials and systems for carpentry, welding, and electrical to complete projects.
- Identify and describe cooking utensils and equipment to complete culinary tasks.
- Use appropriate tools, equipment, and safety procedures to complete tasks relevant to each trade.

PROGRAM DURATION

The Youth Explore Trades Skills program is a 300-hour program.

ACTIVITIES & DESIGN

The YETS program will be divided into five sections, each comprising of 60 hours.

- Carpentry
- Culinary
- Welding
- Electrical
- Work Skills

The program allocates a maximum of 16 seats and is offered from September to June during one block of a high school schedule.

EVALUATION

Theoretical concepts may be evaluated by written exams, assignments, case studies, presentations, and/or the completion of a journal. Practical performance is assessed by instructor observations of learners working in field situations and is based on final evaluations.

SkilledTradesBC does not monitor grades awarded in Youth Explore Trades Skills programs. However, SkilledTradesBC does monitor program completion as either pass or incomplete. Evaluations are shared with the partnering school district.

CREDENTIAL

Learners will receive 12 credits from the partnering school district that will be applied toward their high school graduation. Learners will complete workforce certificates in First Aid, WHMIS, Fall Protection, FoodSafe, and SiteReadyBC that are industry recognized.

Note: There are no credentials or earned hours towards an apprenticeship with SkillTradesBC and the credits will not transfer to another program within NVIT.

ENTRANCE REQUIREMENTS

Registered in grade 10, 11, or 12 with a partnering school district.

PARTNERSHIPS

NVIT works with school districts to identify eligible learners for the YETS program.

PROGRAM OUTLINE

YTRC 060	CARPENTRY In this module, learners are introduced to the carpentry trade and its various career options including residential, commercial, and renovation construction. Learners will demonstrate material and tool selection/usage, standard building techniques, and develop skills to create 3-D objects from 2-D plans and blueprints.	60 Hours
YTCH 060	CULINARY In this module, learners are introduced to the culinary trade and its various career options. Learners will use appropriate practices, material, tools, and equipment to complete a variety of cooking tasks.	60 Hours
YTWD 060	WELDING In this module, learners are introduced to the welding trade and its various career options. Learners will use appropriate practices, material, tools, and equipment to complete a variety of welding processes.	60 Hours
YTEL 060	ELECTRICAL In this module, learners are introduced to the electrical trade and its various career options including construction and industrial electrician. Learners will work safely following electrical code requirements to select appropriate materials and tools to perform tasks.	60 Hours
YTES 060	WORKFORCE ESSENTIAL SKILLS In this module, learners highlight the expectations and requirements of apprentices in trades programs. Work-based training is an integral part of an industry training program. The goal is to help learners transition from school into the workforce through work experience by demonstrating knowledge in areas such as career planning, essential skills, entrepreneurship, and safe work practices.	60 Hours

TRANSCRIPT OF ACHIEVEMENT

The instructor prepares an evaluation of the learning outcomes for each learner by combining assignments, presentations, projects, theory exams, and practical exams.

Learners must demonstrate skills that apply to SkilledTradesBC apprenticeship Level 1 technical training in a specific trade. The content and competencies for any Local Option Module must be based, in part, on current SkilledTradesBC apprenticeship technical training.

The certificates will not be reported to SkillTradesBC. NVIT will provide the partnering school a transcript outlining the learner's achievement.

Letter Grades

Letter Grade	Grade Point	Percentage
A+	4.33	90-100
A	4.00	85-89.9
A-	3.67	80-84.9
B+	3.33	76-79.9
B	3.00	72-75.9
B-	2.67	68-71.9
C+	2.33	64-67.9
C	2.00	60-63.9
C-	1.67	55-59.9
D	1.00	50-54.9
F	0	0-49.9