



Get Trained, Get Going!

PROGRAM GUIDE CAREER & TECHNICAL PROGRAMS

Maple Ridge - Pitt Meadows School District



WHY JOIN A DISTRICT CAREER AND TECHNICAL PROGRAM?

District Career and Technical Program students begin transitioning to the workplace while still in high school. Why not enjoy the advantages of a comprehensive high school experience with the added benefit of both post secondary credit and marketable job skills? In addition, Career and Technical Program students enjoy:

- Free tuition for college and/or technical training.
- Early admission to post secondary studies.
- Earn dual credits - career and technical program courses are reported to the Ministry of Education for high school credits as well as to the college.
- A "hands on" learning environment.
- Focusing on a particular career path where you have a strong interest or passion usually translates to better grades and improved self-confidence.
- Supervised work experience in related career program.
- Employment opportunities upon completion.
- Secondary apprenticeship opportunities - earn hours towards trade certifications, i.e. "Certificate of Qualification," "Red Seal," or "Journeyman."
- A Secondary School Apprenticeship Scholarship - \$1,000.00
- Graduate from a post secondary/college certificate program and high school concurrently.

HOW YOU ARE ADMITTED:

Application packages can be picked up at your high school's Counselling and/or Career Centres, the District Career Program Office, or online at <http://apprenticeship.sd42.ca>

WHEN YOU SHOULD APPLY:

District Career Program Applications are taken on an ongoing basis. This means that students can apply any time after September 1st of the current school year for the next admission cycle. Early offers of acceptance will be granted in some cases where there is a strong application. Priority Admission is given to those who apply before the **Application Deadline on March 30**. Applications submitted after this date will be considered where seats are available. **Please note:** Incomplete applications will not be accepted.

HOW MUCH DOES IT COST?

Students enrolled in District Career and Technical Programs are not required to pay tuition. However, there may be some fees assigned for equipment, tools, and/or other consumable materials. Information regarding these fees are available upon request.

PLEASE NOTE: Graduated students wishing to enroll in our trades programs may have to pay tuition. For some programs, this can be expensive. We strongly encourage students to enroll in these programs.

PROGRAM OPTIONS

I. CAREER AND TECHNICAL (CTC) PROGRAMS:

All students must apply to gain admission to a CTC Program. Qualified students will be accepted based on the following criteria: academic achievement, work habits, attitude, attendance, and date of application. Students are advised to apply early as there are limited seats available. Typically, program applications exceed availability.

The following CTC Programs are available:

- Automotive Service Technician
- Carpentry Level I
- Construction Carpentry Trades
- Culinary Arts
- Plumbing
- Metal Fabrication
- Electrician Level I
- Hairstyling Cosmetology
- Masonry (Bricklaying)
- Horticulture

II. DISTRICT WORK EXPERIENCE PROGRAMS:

The following types of Work Experience Programs are offered in the Maple Ridge - Pitt Meadows School District:

1. **Work Experience 12A** - Students are enrolled through their school and complete approximately 100 - 120 hours of paid or volunteer work. Students must complete all requirements and meet the intended learning outcomes as set out by the Ministry of Education. Upon completion, students earn 4 credits towards graduation.
2. **Structured Work Experience Programs for students** - Students apply to these District Work Experience Programs through their school's Career Facilitator. These are unpaid or volunteer programs. Upon successful completion of the program(s), students will earn 4 credits towards graduation. Students attending a District WEX Program must be committed to a minimum of 120 hours, which may require evening and/or weekend time. There are limited seats in these programs. If you are interested in participating in one of these programs, see your school's Career Facilitator today.

III. DISTRICT AND COMMUNITY WORK EXPERIENCE PARTNERSHIPS

Fire Academy, Police Academy, Hospital Academy and many more...

IV. SECONDARY SCHOOL APPRENTICESHIP

The SSA program was initiated to help focused students aged 15 to 18 years get a head start on accumulating workplace training hours by starting an apprenticeship while still in school. SSA is a partnership between the School District, Employer and Industry Training Authority. A complete list of apprenticeable trades is available on the ITA website: <http://www.itabc.ca/discover-apprenticeship-programs/search-programs>



SD42 SCHOOLS

Contact individual schools for career work experience career centre contact information

GARIBALDI SECONDARY
24789 Dewdney Trunk Road
Maple Ridge BC V4R 1X2
t. 604.463.6287
f. 604.463.0896

MAPLE RIDGE SECONDARY
21911 - 122nd Avenue
Maple Ridge BC V2X 3X2
t. 604.463.4175
f. 604.463.5197

PITT MEADOWS SECONDARY
19438 - 116B Avenue
Pitt Meadows BC V3Y 1G1
t. 604.465.7141
f. 604.465.6274

SAMUEL ROBERTSON TECHNICAL
10445 - 245th Street
Maple Ridge BC V2W 2G4
t. 604.466.8409
f. 604.466.8604

THOMAS HANEY SECONDARY
23000 - 116th Avenue
Maple Ridge BC V2X 0T8
t. 604.463.2001
f. 604.467.9081

WESTVIEW SECONDARY
20905 Wicklund Avenue
Maple Ridge BC V2X 8E8
t. 604.467.3481
f. 604.467.8064

**RIVERSIDE CENTRE CONTINUING
EDUCATION**
20575 Thorne Avenue
Maple Ridge BC V2X 9A6
t. 604.466.6555
f. 604.463.5437

STUDENT SUPPORT SERVICES
23000 - 116th Avenue
Maple Ridge BC V2X 0T8
t. 604.467.1101
f. 604.467.7079



District Career Programs Principal, Steve Wiebe
t. 604.318.9792
e. steven_wiebe@sd42.ca

District and Apprenticeship Coordinator, Brad Dingler
t. 604.626.1176
e. brad_dingler@sd42.ca



SALON 42 [SRT] Hairstyling Cosmetology Academy: Certificate Program for Secondary School Students

This partnership between VCC and School District No.42 provides a unique opportunity for secondary school students* to complete Grade 12 graduation requirements while earning post-secondary credits and certification in the Hairstyling field. Additionally, students will acquire job-ready skills to enter the job market or pursue other post-secondary education.



The program covers theory and related information along with hands-on experience. Good hand/eye coordination and good physical condition are desirable.

32 credits - Dual credit for high school and apprenticeship training, VCC certificate and writing of the apprenticeship exam

**Adult students who have not graduated may be eligible to take this program at a reduced tuition rate.*

Pre-requisites

- Grade 11
- A graduation transition plan in place

Students must have

- Successful completion of grade 11 (consideration may be given to mature students who have completed grade 10)
- Good physical condition
- High degree of commitment

Recommended characteristics

- Interpersonal and communication skills required for providing customer service
- Good hand-eye coordination
- Manual dexterity and creative ability
- Writing and numerical skills are needed.

Program content

The standard program consists of the following course content:

- Full 10 month VCC program
- Introduction to Hairstyling Women's/Men's
- Hygiene, Bacteriology and Sanitation
- Client Relations
- Communications and Salon Functions
- Hair Cutting/ Styling
- Hair structure and Chemistry
- Hair Colouring
- Practicum

Grading

The minimum grade for individual courses is 64 percent. An overall GPA of 70 percent or better is required. All courses must be passed in order to successfully complete the program.

Where can the program lead?

- To a career as a hairstylist
- Preparation for one of many other related careers
- To other VCC programs

Costs

All students are responsible for the purchase of supplies.

Supplies: *\$1,705

Application: \$75

Reduced academy fee: ** \$1,885

** General estimated cost; subject to change.*

*** Applies to high school students and adult students who have not graduated. Cost subject to change.*

Adult students may or may not be required to pay tuition. See website for details:

www.sd42.ca/district-partnership-programs

CULINARY ARTS [SRT] Level I Certificate Program for Secondary School Students

This partnership provides a unique opportunity for secondary school students* to complete grade 12 graduation requirements while earning post-secondary credits and certification in the culinary arts industry. Additionally, students will acquire job-ready skills to enter the job market.

**Adult students who have not graduated may be eligible to take this program tuition free.*

The program covers such topics as preparing grills, roasts, sauces, seafood, soups and stocks. Students will also acquire skills in cooking and baking desserts and learn basic kitchen management including food costing. Students who complete the program will receive a Certificate in Professional Cooking. The program will cover theory and related information along with hands-on cooking practice.

Grading

The minimum grade for individual courses is 64 percent. An overall GPA of 70 percent or better is required. All courses must be passed in order to successfully complete the program.



Dual Credit

Students will have completed 8 courses for 32 credits on the secondary school graduation transcript. They will also receive a VCC certificate, plus apprenticeship credit

Prerequisites

- Grade 11

Costs

- Purchase of books and supplies (approx. \$680, subject to change)
- Application Fee (\$75)

Program Benefits

- Credit for post-secondary courses and towards a secondary school graduation
- Complete level 1 of the chefs apprenticeship training with no tuition fees (savings of over \$2,500)
- Direct entry to work

CONSTRUCTION CARPENTRY TRADES [GSS] Construction Carpentry Level I. Apprenticeship Certificate in partnership with Kwantlen University

The carpentry partnership program provides a unique opportunity for secondary students to complete graduation requirements while completing Level 1 of a 4 level program that can lead to a journey person's certification. Additionally, students will acquire skills that will enable them to directly enter the job market.



The program emphasizes a hands-on approach to training. Experience gained in the workshop is focused on industry practice. The necessary theoretical component is integrated into the program to complement and enhance the practical work. Students are exposed to a variety of work environments through industry tours.

Students should have

- Successful completion of Math 10 Essentials, Applications, or Principles, English 10
- Good physical condition
- High degree of commitment
- Personal safety equipment, steel toe boots and hard hat

CARPENTRY LEVEL I APPRENTICESHIP [SRT] Certificate Program for Secondary School Students

This partnership between Kwantlen polytechnic University (KU) and School District No. 42 provides a unique opportunity for secondary school students* to complete grade 12 graduation requirements while earning post-secondary credits and certification in Carpentry, tuition free. Additionally, students will acquire skills to enter the job market or pursue other post-secondary education.

** Adult students who have not graduated and graduated students (under 19 as of July 1) may be eligible to take this program tuition free.*

The purpose of the Carpentry program is to provide students with skills and knowledge in building construction. The scope and depth of this program is appropriate for students entering this industry on a permanent basis.

Hands-on shop experience is the basis on which skills are developed in the program. This program is developed around the individual needs of students and is offered Monday through Friday for the full school year (10 months). Students will have to travel to the Cloverdale Kwantlen campus for 4 weeks to complete the program.

Pre-requisites

- Grade 11
- A graduation plan in place

Students must have

- Successfully completed grade 11 (consideration may be given to mature students who have completed grade 10)
- Good physical condition
- High degree of commitment
- Personal safety equipment, steel toe boots, hard hat, safety glasses, etc.

AUTOMOTIVE SERVICE TECHNICIAN [WSS]

British Columbia Institute of Technology

This 30-week program runs from September to April at Westview Secondary School. Successful participants will acquire the basic knowledge and practical skills for entry into the automotive industry. Graduates may pursue a career as a general repair technician or they may specialize in one particular area.

28 credits - Dual credit for high school and completion of level one apprenticeship. (Certificate of Qualification) plus BCIT certificate. Complete level 1 of the Automotive Service Technician Program with no tuition fees (savings of over \$4,400).

Requirements*

Grade 11

Costs

Books: Approximately \$700 (subject to change)

** BCIT pretest is acceptable for English and Math*

ELECTRICIAN LEVEL I APPRENTICESHIP [GSS] Certificate Program for Secondary School Students

British Columbia Institute of Technology

This partnership between School District No. 42 and BCIT provides a unique opportunity for secondary students to complete grade 12 graduation requirements while earning post secondary credits and certification in the electrical field. Students will acquire skills that will enable them to directly enter the job market.

This 24-week program runs from September to February at Garibaldi Secondary School. The program provides graduates with the theory and practical skills necessary to enter the electrical trade. The electrical worker plans, assembles, installs, tests, repairs and maintains electrical equipment and systems in a variety of settings.

24 credits - Dual credit for high school and completion of level one apprenticeship.

Requirements

- Math 11 (60%) *
- Eng 11 (Grade 12 English can be taken concurrently) *
- Physics 11

** BCIT Pre-entry Math and Reading Assessment may be taken in lieu of Math 11 or English 11.*

Course	Credits
Applied mechanics	4 credits
Fundamentals of electricity	8 credits
Principles of magnetism	4 credits
Wiring methods	12 credits
Electrical codes, plans and specs	8 credits
AC circuit analysis	2 credits
Electronic devices	2 credits
Basic motor control	4 credits
Computer skills and job preparation	4 credits

Grading

The minimum grade for individual courses is 70 percent. An overall GPA of 70 percent or better is required. All courses must be passed in order to successfully complete the program.

Costs

Books: Approximately \$700 (subject to change)

Priority Application Date: March 30. *Applications may be accepted after this date, space permitting. Priority will be given to students who have applied on or before the deadline.*

METAL FABRICATOR [SRT] Certificate Program: Apprenticeship Foundations

BCIT and School District No. 42

This is a 10-month program running from September to June and is offered at Samuel Robertson Technical Secondary School. The Metal Fabrication program deals with the selection, layout, shearing, cutting (with a torch), punching, drilling, forming, fitting and welding of steel plates and structural steel shapes.

28 credits - Dual credit for high school and level one apprenticeship.

Requirements

- Grade 11

Program content

The standard 10-month (September through June) program consists of a work experience practicum and the following course content:

Course
Apply Safe Work Practice
Mathematics
Sketch and Read Drawings
Metal Fabrication Power Equipment
Measurement Layout Hand & Power Tools
Patterns/Templates-Shop Applications
Use Oxyacetylene
Arc & Mig Welding
Blueprint Reading
Plate Development
Material Handling
Cleaning & Painting
Fabricate & Metallurgy theory

A portion of the program (5 weeks) includes instruction at BCIT's trades campus in Burnaby.

Grading

An overall GPA of 70 percent or better is required. All courses must be passed in order to successfully complete the program.

Costs

Students are responsible for the following program costs:

Books and supplies: *\$500

Application fee: \$75

** General estimated cost; subject to change.*

Priority Application Date: March 30 *
** Applications may be accepted after this date, space permitting. Priority will be given to students who have applied on or before the deadline.*



PLUMBING APPRENTICESHIP [GSS]

Maple Ridge Secondary and Kwantlen University

This 25 week program will give students the practical and theory skills to enter the piping / plumbing industry. The program is taught by Kwantlen instructors and follows the provincial apprenticeship curriculum.

Students will develop the necessary habits concerning safety and the proper use of time, tools, materials, and the work skills required to be a competent trades person in today's workforce. Students who successfully complete the Plumbing Foundation program will receive Level 1 in-school technical training credit and 375 work-based hours towards completion of the Plumber Apprenticeship program. Students are able to follow one of the four certification streams:

plumbing, pipe fitting, gas fitting and sprinkler fitting.

Dual credit for high school and college credits for completion of the program - plus level one apprenticeship credit



Requirements

- Grade 11

Costs

Books: Approximately \$800 (subject to change)

MASONRY (BRICKLAYING) [THSS/TBA]

Maple Ridge - Pitt Meadows School District and Kwantlen University

This 21 week program will give students the practical theory and skills to enter the masonry industry. The program is taught by a Kwantlen instructor and follows the provincial apprenticeship curriculum.

Students will develop the necessary habits concerning safety and the proper use of time, tools, materials, and the work skills required to be a competent trades person in today's workforce. The program is designed to be 75% hands on and 25% theory.

Students who successfully complete the Masonry (Bricklayer) Foundation program will receive Level 1 in-school technical training, which will put them on the path towards the completion of the Masonry Apprenticeship program. In addition, students will receive dual credit for high school and college credits for completion of the program, plus Level 1 apprenticeship credit.

Due to a shortage of Masons (Bricklayers), there are excellent employment opportunities and competitive wages in this industry.



Students should have

- Successful completion of Math 10 Essentials, Applications, or Principles, English 10
- Good physical condition
- High degree of commitment
- Personal safety equipment, steel toe boots and hard hat

HORTICULTURE PROGRAM

Kwantlen Polytechnic University

Students attend this program at Kwantlen Polytechnic University's Langley Campus in February and March for 6 weeks during their grade 12 year. Students will attend THSS and then be bussed to KPU in Langley for the six weeks. During the program, students also have the option of working with a horticulture employer from mid-April to June. This program is a Level 1 Apprenticeship Technical Training program. It provides the common core of technical knowledge needed to move into the next levels of landscaping and / or production. Paid work placements will be arranged by School District staff based upon recommendations from the Kwantlen faculty. Students may receive either Work Experience or Secondary School Apprenticeship credit should they choose. Grade 12 students will have an opportunity to fully participate in graduation ceremonies at their home school.

Program Content

- Horticulture practices
- Plant health & plant materials
- Soils
- Pest management
- Plant identification & plant science
- Equipment maintenance
- Supervisory skills

Cost Savings

- Tuition is paid by Maple Ridge - Pitt Meadows School District, saving the student approximately \$900.

Costs (paid by students)

- Rain gear and safety equipment as required (approximately \$250.00)
- Text books and workbooks as necessary (approximately \$400.00)

Students receive 8 elective graduation secondary school credits: Horticulture PSIJ 12A Horticulture PSIJ 12B.

Optional Course Credits are WEX 12A or SSA 11A WEX 12B or SSA 11B

Students will receive ITA credit for the Level 1 Apprenticeship Program.