

## Explore Trades

Explore Trades is a program designed to provide job readiness skills that will lead to employment after high school and/or access to post-secondary opportunities. Students in the Explore Trades class will embark on a rich and unique learning experience in which hands-on learning and collaboratively work with staff and students is at the core. Students will take on a wide variety of activities to build their skill set for hands-on learning. Each year the class will undertake one or two major projects where they will bring their skill sets together and work as a team. The major projects will be set up to resemble a work site experience rather than a traditional high school shop class. Along with the regular rigors of academic learning and a focus on Trades, there will be an element of challenging students to be creative problem solvers. Students will be expected to work together in group situations and lean on team members for collaborative troubleshooting and problem-solving.

The program includes a 12-week comprehensive Trades experience at the University of the Fraser Valley Trades facility. Cohorts of sixteen students leave GW Graham and attend UFV to explore various Trades opportunities available at the University. Students who achieve higher than 70% receive a certificate from UFV along with high school credit for three courses (Trades Sampler 12A, 12B, 12C). The following units will be covered at UFV: “Fasteners and Fittings”, “AST and Heavy Duty Mechanics”, “Welding” and “Piping Trades”. Students will also receive the following certificates at UFV: “WHIMIS” (Workplace Hazardous Materials Information System), “Level 1 First Aid” and “Forklift Operators Certificate”.

Successful students in the Explore Trades program will be encouraged to apply for the Regional Careers Program for their Grade 12 year. This program provides an opportunity for students to start their first year apprenticeship training while still completing high school credit. The Chilliwack School District covers the enrollment fees for students to attend UFV for their first year foundations training.

The following is a recommended plan for students interested in a premium Trades experience while attending GW Graham:

### **Courses Completed in Grade 10 – Completing Core High School Requirements at GW Graham**

<b>English 10</b>	English 11
<b>Socials 10</b>	A Socials Studies 11 or 12
<b>PE 10</b>	Science 10
<b>Elective (Recommended: Skills Exploration 10)</b>	Elective (Recommended: Metalwork 10 or Woodwork 10)

- Career Life Education 10 will be completed in Advisory

### **Courses Completed in Grade 11 – Explore Trades Focus at GW Graham and UFV**

<b>Workplace Mathematics 11</b>	Work Experience 12A
<b>Workface Training Certificate 12</b>	Skills Exploration 11/12
<b>Science for Citizens 11</b>	Trades Sampler 12A/12B/12C (completed at UFV)

- Career Life Connections and Capstone will be completed in Advisory

### **Courses Completed in Grade 12 – Regional Careers Program Focus at UFV**

- Students attend UFV to complete their first year apprenticeship in one of the following Trades:

<b>Aircraft Structure Technician</b>	Carpentry/Joinery
<b>Automotive Service Technician</b>	Electrical Work
<b>Automotive Collision Repair &amp; Refinishing</b>	Plumbing and Piping
<b>Architectural Design</b>	Welding