

Trades Exploration (TEX)

Course Summary

Description:

Trades Exploration (TEX) is a program for students (in Grade 10, 11 or 12) who are interested in pursuing a career in one of the trades. TEX is designed to help them make an informed decision by exploring the following trades: carpentry, electrical, plumbing/pipe fitting and metal fabrication/welding. They will also have an opportunity to gain on site experience in each of the trades, complete the requirements to enrol in the Foundation Program (ACEIT) in their chosen trade at Camosun College and the possibility of being indentured as a Secondary School Apprentice (SSA).

Structure:

The program will take place over 5 months of school time, during the 2nd semester, beginning in February. It would be a combination of technical training along with shop time for the first four weeks of each section, followed by 1 week of work experience at a work site in each of the trades being explored. Students, throughout the program, will be prepared with an overall introduction to the trades industry, including: personal and project management, tools and equipment use, mathematical applications, drawings, health and safety, CTST – Construction Trades Safety Training, Fall Protection and First Aid and basic entry level skills required to enter the trades.

Organization:

Students will move through the program together except for the work experience component which is likely individualized. The 20 day sections will be set up accordingly. Each section will cover 1 of the 4 trades selected; the order is yet to be determined. (Carpentry, Electrical, Plumbing/Pipe Fitting and Metal Fabrication/Welding).

Topics Covered (as part of each trade section):

- | | |
|------------------------|-------------------------|
| - Math | - Basic Shop Skills |
| - Job Readiness | - Related Drawings |
| - Work Ethics | - First Aid |
| - Cover Letter/Resume | - Fall Protection |
| - Interviews | - Safety |
| - Field Trips (40 Hrs) | - 80 Hrs of Instruction |

1st Section (20 days)

4 weeks technical training and shop time in a specific trade. Followed by 1 week work experience in that trade. Total of 120 Hrs Course Work and 40 Hrs Work Experience.

2nd Section (20 days)

Repeat 1st Section – Different Trade

3rd Section (20 days)

Repeat 1st Section – Different Trade

4th Section (20 days)

Repeat 1st Section – Different Trade

Credits:

Guaranteed Credits (upon successful completion of program)

- 16 credits for the program completed (480+ Hrs) (4 credits per course: TEX Carpentry 12, TEX Welding 12, TEX Plumbing, TEX Electrical 12)
- 8 credits for Work Experience, 160 Hrs+ (40 hours will be found in the field trips during the program) (WEX 12A, WEX 12B)

Additional Potential Credits:

- up to 16 credits for SSA (4 credits for each 120 Hrs completed as an SSA student) (SSA 11A, SSA 11B, SSA 12A, SSA 12B)
- 28 – 40 credits for the Foundation Program (ACEIT) at Camosun, this is paid for through ITA

Expectations:

- Students MUST regard the components of this program and the program itself as a JOB and as a work site.
- Students will be expected to attend classes and work experience 100% of the time. Excuses only by phone call at a certain phone number before class or before work starts that day and this will only be tolerated 1 time per month.
- Misbehaviour will not be tolerated.
- Students must respect each other, the instructor and the work sponsors.
- Students will be responsible for safety gear (income tax deductible), personal tools and tool belts.
- Students will be responsible for transportation to and from a work site during their week of work experience at the end of each component.

By the End of the Program:

- Students will have had an opportunity to explore four different trades in depth and to make a decision as to which one suits their talents & abilities.
- Students will have had an opportunity to register as an apprentice (SSA) during or after the program.
- Students will develop a sense of all of the entry level requirements needed to work in the trades environment.
- Students will have an opportunity to apply to Camosun for the Foundation Program (ACEIT).
- Students will have an introduction to CTST (Construction Trades Safety Training), Fall Protection and Basic First Aid, as well as Job Readiness, Work Ethics, Prerequisites Required and Tool Use.

* Please see Mr. Arsenault in the Career Centre for more information on the Trades Exploration Program. You can also email him at garsenault@sd63.bc.ca or call him at 250-658-6679.