

Sheet Metal Worker Foundation Certificate

School District Dual Credit Program

This 20-week (600 hour) program provides students with little or no previous experience in the sheet metal trade with the necessary skills to seek employment in that industry as an apprentice sheet metal worker.

This program exposes students to aspects of residential, commercial and industrial systems in this trade with a focus on developing practical skills. The curriculum follows the Industry Training Authority guidelines for the first-year in-class components of the Sheet Metal Worker Apprenticeship.



Career Opportunities

Sheet Metal Workers find jobs with Air Conditioning and Heating Contracting Firms; Residential, Commercial and Industrial Construction Firms and Independent Heating and Air Conditioning Shops. For more information on Sheet Metal Worker employment opportunities:

WorkBC – www.workbc.ca

ITA – www.itabc.ca

Program Outline

Upon successful completion of the program, graduates will receive credit for Level One Technical Training and 350 work-based hours towards completion of Sheet Metal Worker apprenticeship. An overall average of 70% calculated on a weighted percentage, base on time allocation.

SHMT 100 Safe Work Practices

SHMT 111 Tools and Equipment

SHMT 112 Organize Work

SHMT 113 Layout and Development Patterns

SHMT 114 Fabricate Trade-Related Products

SHMT 115 Install Air Handling Systems

SHMT 116 Level One Review and Examination

Student for a Day

Arrange your shop tour or Student for a Day experience by contacting your school Career Counselor.

Fees

SD23 Pays:

- 2020-21 Tuition: \$2333.20

Student Pays:

- Textbooks: \$452.87
- Mandatory Fees \$656.70 includes: Activity fee, Health & Dental, Student Association fee, Education Technology fee, Development fee.

*All program costs are approximate and subject to change without notice

Location

Okanagan College—Kelowna Campus

1000 KLO Road, Kelowna, BC



Credentials Received

Upon successful completion the program students will receive credit for Level One Technical Training and 350 work-based hours towards completion of Sheet Metal Worker apprenticeship. Secondary school students will be given credit towards Grade 12 graduation.

Physical Requirements

- Lift and carry tools, equipment, supplies and materials weighing up to approximately 30 lbs.
- Lift, carry, hold and operate hand, air and power tools from below grade to above shoulders
- Stand on concrete, dirt, rock, asphalt, wood, etc. for extended periods of time
- Bend, stoop, kneel, crawl to perform tasks
- Work in open trenches and other confining environments
- Work in both indoor and outdoor venues, through all seasonal challenges
- Push/pull and carry pipe, tubing and construction materials
- Climb extension ladders, and work on scaffolding at heights

Recommendations for Success

- Good general health and respiratory condition
- Capable of doing physical work
- Physical strength and stamina compatible with the handling of heavy equipment and materials
- Ability to tolerate noise and vibration
- Balance and coordination to walk on uneven ground for up to 8 hours per day
- Good manual dexterity
- Good hand-eye coordination
- Satisfactory eyesight, line, form and depth perception



Sponsorship Requirements for School District Students

- Attend "Student for a Day" at Okanagan College in the program of interest
- Complete the School District application package and hand it into your Career Programs Coordinator
- Be on track to graduate with a Dogwood diploma
- Meet with Career Coordinator to review program and school district expectations
- Okanagan College course requirements/admission requirements met for program
- Application approved and accepted by School District
- An interview may be required for potential applicants

Focus on Safety

Okanagan College is committed to providing a safe learning environment for students. All students are responsible for:

- Knowing safe work procedures in classroom, shop, and work areas.
- Following the safety standards as taught by the instructor. These standards meet or exceed the regulatory requirements of the WorkSafe BC Occupational Health and Safety Regulation.

Failure to do so may result in suspension from the program. Each student is expected to report any unsafe condition or unsafe behavior to his/her instructor.

CONTACTS:

Applications are available at your school Career Centre or www.dualcredit23.com

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