



DUAL CREDIT PROGRAMS



OPEN THE DOOR TO OPPORTUNITY!

The Central Okanagan Public Schools provide post-secondary program options to high school students that allow students the opportunity to begin post-secondary training while in high school. Students will earn post-secondary credentials that will also give them credit towards their high school graduation. Students can begin taking post-secondary programs/courses in trades and technical training, health and human services, and first-year university transfer courses in Arts, Science, and Engineering.

A full list of program options can be found on the website at: <https://www.dualcredit23.com/>

Youth TRAIN in Trades **SKILLEDTRADES^{BC}**

The Youth TRAIN in Trades dual credit pathway allows *grade-12 students to enroll in either Foundation or Level 1 Technical training with one of our post-secondary training partners as part of their high school graduation.

Foundation training is an entry level trades training program that requires no previous work experience in the trade. **Technical** training is the shorter version of the Foundation program which is available to students who have approximately 900 work experience hours in their chosen trade “prior to attending school”. Both pathways provide the same outcome at the end; 1st level of technical training (school portion).

Aircraft Maintenance Technician	Aircraft Maintenance Engineer-Structures	Auto Collision Repair/Refinishing
Auto Service Technician	Carpenter Joiner	Culinary Arts
Electrical (OC)	Hairstylist	Heavy Mechanical Trades
Pastry Arts	Plumbing & Piping	Refrigeration & A/C Mechanic
Sheet Metal	Utility Arborist (Forestry)	Welding

Central Okanagan Public Schools has training partnerships with Okanagan College, BCIT, and the EITI (*Electrical Industry Training Institute*) to deliver trades training programs.

**Students must be in grade 12 to enroll in Okanagan College and BCIT programs. The Hairstylist and Forestry Program will accept grade 11 enrollment.*

Okanagan College - [Introduction to Construction Trades and Electrical Apprenticeship](#) Electrical Foundation

This is a dual-credit program delivered by Okanagan College that provides graduates with the theory, practical skills and work experience to enter the Electrical trade and work on a multi-trade worksite. This 40-week program starts with an introduction to construction trades, including Electrician, Carpenter, Sheet Metal Worker, and Trades Math, followed by the Okanagan College Electrical Foundation program, including equivalent Level 1 apprenticeship technical training, along with an introduction to Level 2 Electrical theory, and an industry work placement.

Okanagan College – Foundation and Technical Trades Training

Successful completion of an OC dual credit foundation program will provide a student with grade-12 elective credits towards graduation. Credits earned depend on the length of the program. Most programs earn students 32 credits towards graduation. Intake dates for OC programs begin at various times of the year. For more information, check with the Career Coordinator at your school's Career Center for more information on program availability.

Prerequisites: high school tech-ed (shop) classes or related work experience, Foundations or Workplace math 11 (>65%), aptitude for physical-type of work,

EITI - [Utility Arborist \(Forestry\)](#)

The forestry program aims to expose students to a variety of forestry related careers including but not limited to forest management, sustainability, wildfire prevention and fighting, logging, forest health and forest product value added industries.

The 40 week (2-semesters) course is located at Rutland Senior Secondary and begins in semester 2 each year. Students will have the opportunity to earn various industry certifications including occupational first aid, transport endorsement, WHMIS, bear aware, basic chainsaw operation, and danger tree assessment training. These are in addition to the dual credit portion of the course which is the [Certified Utility Arborist](#) Level 1 technical training. This course takes place primarily on various sites outdoors throughout the Central Okanagan and has a significant hands-on learning component.

Prerequisites: none

EITI: Electrical Industry Training Institute

MBSS - [Hairstylist Foundation](#)

The Hairstylist foundation program is designed for grades 11 and 12 students who have an interest in pursuing hairstyling as a career choice. Our Level 1 Hairstylist foundation program is composed of theory and applied skills hairstyling courses along with a salon work-experience practicum.

Students must complete the 990 hours of Level 1 Hairstylist courses as well as complete 300 practical hours in a local salon for a total of 1290 hours.

Upon completion of the 1290 hours in the foundation program, students will continue to work as an apprentice stylist gaining the practical hours towards the completion of their Red Seal certification which is a nationally recognized certification in Canada.

Prerequisites: none

Youth WORK in Trades (Apprenticeship)

The Youth Work in Trades program is designed to allow grade 10-12 students to become registered apprentices with the Industry Training Authority (ITA) while completing BC high school graduation requirements. Benefits are:

- Can begin as early as grade -10 or 15 years of age
- Students are registered with an approved employer
- Students are paid during the training process.
- Upon successful completion of 480 creditable hours, students will receive 16 high school credits (4 courses) towards graduation (2 grade 11 & 12 courses)
- Students can be sponsored for tuition by the school district for Level 1 Technical Training up to one year past graduation with approximately 900 hours of paid work experience prior to attending school. *(Not applicable to Foundation programs)*

Prerequisites: minimum 15 years old, aptitude for hands-on work, physically fit.

List of [trade's](#) apprenticeship employment opportunities with the Industry Training Authority.

Trades Sampler EXPLORE-

This is a chance for students in grades 10 to 12 to dive deep into a variety of trades as they find their preferred career path. This is a partnership program between **Okanagan College** and SD #23. Students will have the opportunity to explore several different trades in 2 different pathways:

Program	Location	Grade	Trades Explored	Length
Construction	775 Graham Rd Campus	10-12	Carpentry, Electrical, Plumbing, Sheet Metal, Drafting	20 weeks
Power Motive	Okanagan College	12	Auto Service, Heavy Mechanical Trades, Automotive Collision Repair and Painting trades.	10 weeks + 2 week WEX

Both sampler pathways are full time Monday- Friday.

Semester 2: General Enrollment Construction & Power Motive Sampler

Students that complete a sampler program may apply to a Foundation or Technical Training seat at Okanagan College or BCIT as a “preferred” Dual Credit student .

Computer and Information Technology



[Computer Information Systems Administration \(CISA\)](#) -

CISA is a dual-credit program in partnership with BCIT. Successful students in the CISA program are also able to apply to Okanagan College's Infrastructure and Computing Technology (ICT) diploma program with prior learning credit as well. Through a series of labs and projects students will learn; Computer Hardware & Maintenance (Cisco IT Essentials), Network Fundamentals (CCNAv7: Introduction to Networks) and NDG Linux Fundamentals (Linux Essentials). The program is based upon appropriate industry standards, infrastructure and technology. It covers computer hardware, operating systems, networking and internet technology.

At the conclusion of the dual credit program an additional 30-hour Okanagan College bridge-course can provide students with advanced placement into [Okanagan College's *ICT diploma](#) program. Students will be given prior learning credit for first year credit in OC's program.

Prerequisites: Any Computer or Information Technology 10, 11 or 12 course, Cybersecurity (recommended, but not required. *Available at RSS for all SD23 students*), Gateway to Technology (OC Exploratory course - see *Exploration Programs*)

**ICT = Infrastructure and Computing Technology (OC Diploma Program)*

[Gateway to Technology](#) -

User Support Technicians provide first-line technical support to computer users experiencing difficulties with computer hardware, computer applications and communications software.

This 180-hour micro-credential exposes learners to aspects of information technology and provides the knowledge and skills necessary to service computers and support users of these

systems. This training covers a variety of topics including hardware installation and configuration, basic networking, operating systems and help desk techniques. Learners study theory of computers systems hardware and software components and develop the practical skills through hands-on training and troubleshooting techniques that address wide ranging

issues. Using Network Engineering as a core foundation, learners will gain competencies that prepare them for industry recognized credentials to enhance their employability in the industry.

Learners who have successfully completed the first two modules will be eligible to take the third module. Successful completion of Module III will be granted formal transfer credit into the Infrastructure & Computing Technology Diploma. Learners will receive at minimum, advanced placement and based on the grade level, may receive credit for ICT.

- Module I – Computer Components and Peripherals (60 hours)
- Module II – Networks and Telecommunications (60 hours)
- Module III – Infrastructure and Computing for Advanced Placement (60 hours)

Prerequisites: None

Health & Human Services

Health Care Assistant -

This six-month certificate program is designed to provide students with opportunities to develop the knowledge, skills and attitudes necessary to function effectively as direct client care providers and respected members of the health-care team, in community and facility settings. Under the direction and supervision of a health professional, graduates provide person-centered care aimed at promoting and maintaining the physical, emotional, cognitive, and social well-being of clients/residents. Upon successful completion of the program, graduates are prepared to work in any level of continuing care, including: home support, adult day care, assisted living, complex care (including dementia care units) and acute care. Program information is also accessible at www.okanagan.bc.ca.

Prerequisites:

- Good communication skills (English 12 >60%)
- Red Cross Standard First Aid or St. John Ambulance Standard First Aid
- A criminal record check
- FOODSAFE

Recommended: Biology 12, EMR

Certified Education Assistant (CEA) – Currently not offered

Working in a school setting, education assistants perform a variety of duties, including helping to implement individualized Education Plans for children with exceptionalities in the areas of cognitive abilities, physical challenges, health issues, behavioral challenges, autism, and related disorders. Students that have completed the course and the 120-hour practicum will be

ready to start work as a CEA (Certified Education Assistant) at schools with any grade level at the end of the course.

Prerequisites:

- Good communication skills (English 12 >60%)
- Criminal record check

Early Childhood Education -

Early Childhood Educators work as a team to provide a caring, safe and nurturing environment for children 1-5 years of age. Students will gain knowledge and skills to support children and families with health and safety practices essential to a childcare center.

Grade 12 students can take 3 ECE courses that will give both high school graduation credits (grade 12 electives) and a head start towards the completion of Okanagan College's ECE Diploma program. Students will complete 3 courses from the 1st year of the ECE Diploma program in their grade 12 year outside of the regular high school timetable (*Tues. and Thurs. evenings and 2 Sat./month*).

Upon successful completion of any one of the 3 dual credit ECE courses, students will be eligible to apply to the Ministry of Education and Child Services as an “ECE Assistant” which will allow them to start working in child care while completing their diploma program.

Prerequisites:

- Good communication skills (English 12 >60%)
- Criminal record check
- Demonstrated aptitude and/or experience working with children. (*i.e. babysitting certificate, work experience, Early Childhood high school courses*)

Emergency Medical Responder - **Rutland Senior Secondary**

Students that are interested in a career in healthcare or emergency services; such as a nurse, health care assistant, paramedic, firefighter, respiratory therapist or doctor can take the EMR dual credit program to help provide exploration and preparation for their career. Specifically, the EMR course is the prerequisite to continue on into the Primary Care Paramedic program to work as a paramedic. This course includes Red Cross Basic Life Support and Standard First Aid.

Classroom time will be allocated to hands-on practice of various medical or trauma scenarios. Students are required to complete an online course concurrently with the classroom course.

Post Secondary - Academics - 1st-year Options

Okanagan College - 1st year post-secondary academic courses



Students may enroll in 1 to 2 first year Okanagan College transferable courses that fit into their secondary school schedule and match their post-secondary transition plan in grade 12 only. Students can enroll in a maximum of 1 course per semester that does not impact their graduation pathway at their high school. Typically students must take the college courses that are outside the regular Monday to Friday school day to accommodate both high school and post-secondary course calendars.

UBCO Engineering - APSC 171: Engineering Drawing and CAD/CAM



Orthographic projections, axonometric and perspective projections, dimensioning and tolerances, computer-aided design and modeling, introduction to rapid prototyping, and team-based design projects are the main concepts covered in this first year engineering course. Students must have a solid academic foundation to apply and be prepared to commit a significant amount of time outside of the regular school timetable to be successful in this program.

This course is offered in semester 1 during the evening at the UBCO campus (outside of the regular school timetable).

Prerequisites:

- Students must have a strong academic record
- Physics 11 and drafting (*recommended*)

For information on Central Okanagan Public School dual credit programs, please contact your school's Career Coordinator in the career center. Further information may be obtained at: <https://www.dualcredit23.com/>.
