



Career and Technology Studies and Knowledge & Employability Occupational Pathways by High School Facilities

Many Career and Technology Studies (CTS) and Knowledge and Employability (K&E) occupational pathways require specialized facilities. CBE high schools work closely together to support students in accessing pathways that may not be available in their home high school.

A variety of CTS pathways and/or K&E occupational courses are available at:

- a student's designated high school
- the Career and Technology Centre (CTC) at Lord Shaughnessy
 - [Learn more](#) | visit the [CTC](#) website
- Off-campus Education
- [Unique Opportunities and Off-campus Education](#)
- other high schools in the CBE

See the [High School Success Page](#) to view the Detailed High School Course Guide.

On the charts below, the following abbreviations are used to describe each of the occupational areas:

- **BIT**: Business, Administration, Finance & Information Technology
- **HRH**: Health, Recreation & Human Services
- **MDC**: Media, Design & Communication Arts
- **NAT**: Natural Resources
- **TMT**: Trades, Manufacturing & Transportation
- **Multi**: Multi-cluster combines two or more of the clusters

The level of the pathway offered is indicated by:

- i/a – means the school offers the occupational pathway at the introductory to the advanced level
- C – means the school offers courses in the occupational pathway up to and including the Credentialed level

For Dual-credit and Exploratory programs offered in partnership with post-secondary institutions:

- DC – means dual-credit is offered in the CBE and a post-secondary institution
- EX – means there is an exploratory course offered with a post-secondary institution
- PE – refers to pre-employment opportunities

[Learn more](#) | Please check with a specific school for exact course offerings and course names

Note | If a CTS pathway or K&E occupational course is not available at a student's home high school; it may be available at another high school in the CBE. See the charts on the following pages and talk to a counsellor at your high school for information about availability.

Note | When a school has the necessary expertise and/or facilities, they offer both CTS courses and K&E occupational courses as per student requests.

CTS and K&E Occupational Pathways by High School

October 2019

i/a – introductory to advanced

C – credentialed

DC – dual-credit

Ex - exploratory

Area	This is a representation of programs as they exist at this point. This strategy as a process continues to evolve.	BIT						HRH										MDC								
		Computing Science	Enterprise & Innovation	Financial Management	Information Processing	Management	Networking	Esthetics	Child Dev. Assist	Foods Cook Baker Apprentice	Parenting	Cosmetology Hairstylist Apprentice	Leadership	Legal Studies	Sports Medicine/ EM	HPAD	Sports Performance	Tourism	Communication Technology	Design Studies	Fashion Studies					
1	Bowness High School	i/a	i/a	i/a	i/a	i/a		i/a		C		C	i/a	i/a	i/a	i/a		i/a	i/a							
	Robert Thirsk High School	i/a	i/a	i/a	i/a	i/a				C			i/a	i/a	i/a		i/a	i/a	i/a							
	Sir Winston Churchill	i/a	i/a	i/a		i/a		i/a		i/a		i/a	i/a	i/a		i/a		i/a	i/a							
2	James Fowler High School	i/a	i/a	i/a	i/a	i/a	i/a	i/a		C		C	i/a	i/a	i/a		i/a		i/a	i/a						
	John Diefenbaker High School	C	i/a	i/a	i/a	i/a	i			i/a			C	i/a	C		i/a	i	i/a	i/a						
	William Aberhart High School	C												i/a		i/a		i/a	i/a							
3	Crescent Heights High School	i/a		i/a	i/a					i/a			i/a	i/a	i/a		i/a		i/a	i/a						
	Forest Lawn High School	i/a			i/a			i/a		C		C	i/a	i/a	i/a		i/a		i/a	i/a						
	Jack James High School				i/a				C	i/a			i/a					i/a	i/a	i/a						
4	Lester B Pearson High School	i/a		i/a		i/a	i			C			i/a	i/a	i/a		i/a		i/a	i/a						
	Nelson Mandela High School	C		i/a	i/a	i/a			i/a	C			i/a	i/a	i/a		i/a		i/a	i/a						
5	Centennial High School	i/a		i/a							i/a, C		i/a		i/a		i/a		i/a	i/a						
	Joane Cardinal-Schubert High School	i/a	i/a	i/a		i/a	i/a				C		C	i/a	i/a	i/a		i/a		i/a						
	Lord Beaverbrook High School	i/a	i/a	i/a	i/a	i/a		i/a		i/a		C	i/a		i/a		i/a		i/a	i/a						
6	Career and Technology Centre	i/a		i/a		i/a	C	C		C		C						i/a		i/a						
	Central Memorial High School			i/a		i/a							i/a	i/a				i/a		i/a						
	Dr. E.P. Scarlett High School	i/a											i/a	i/a	i/a			i/a		i/a						
	Henry Wise Wood High School	i/a											i/a		i/a			i/a		i/a						
7	Ernest Manning High School	i/a	i/a	i/a		i/a			i/a	i/a			i/a		i/a			i/a		i/a						
	Louise Dean School				i/a				i/a		i/a							i/a		i/a						
	Queen Elizabeth High School																	i/a		i/a						
	Western Canada High School	i/a	i/a	i/a	i/a	i/a	i/a						i/a	i/a	i/a			i/a		i/a						
All	Dual Credit and Exploratory Programs	Computer Science		Software Development		Office Admin. Assistant		Business Management		Health Care Aide Certificate		Cook Apprentice		Criminal Justice		Community Recreational Leadership		Pharmacy Asst. Cert.		Medical Technologies		Hospitality Tourism		Visual Communication and Design		Playwriting
		DC		DC		DC		DC		DC		Ex		DC		Ex		DC		DC		DC		DC		Ex

CTS and K&E Occupational Pathways by High School

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i/a – introductory to advanced C – credentialed DC – dual-credit Ex - exploratory

Area	This is a representation of programs as they exist at this point. This strategy as a process continues to evolve.	NAT						TMT								MULTI																				
		Agriculture	Environmental Stewardship	Forestry	Horticulture	Primary Resources	Wildlife	Auto Body	Auto Service	Aviation	Welder Apprentices/ Fabrication	Electro-Technologies	Construction					Logistics	Building Trades	Film and Media Arts	Pre Engineering			Pre Architecture			Robotics									
1	Bowness High School								i/a						i/a			i/a													i/a					
	Robert Thirsk High School	i/a	i/a	i/a			i/a							i/a		i/a															i/a					
	Sir Winston Churchill								i/a					i/a																	i/a					
2	James Fowler High School							i/a	i/a					i/a		i/a															i/a					
	John Diefenbaker High School	i/a	i/a											i/a		i/a															i/a					
	William Aberhart High School								C							i/a																				
3	Crescent Heights High School								C							i/a																				
	Forest Lawn High School								C							i/a																				
	Jack James High School						i/a	i/a						i/a		i/a																				
4	Lester B. Pearson High School															i/a																				
	Nelson Mandela High School						i/a									i/a																				
5	Centennial High School															i/a															Gr. 10					
	Joane Cardinal Schubert High School	i/a	i/a	i/a			i/a									i/a															i/a					
	Lord Beaverbrook High School							i/a	i/a							i/a															i/a					
6	Career and Technology Centre						i/a	C						C		i/a															i/a					
	Central Memorial High School								C							i/a															i/a					
	Dr. E.P. Scarlett High School								i/a							i/a																				
	Henry Wise Wood High School															i/a																				
7	Ernest Manning High School															i/a															i/a					
	Louise Dean School																																			
	Queen Elizabeth High School															i/a																				
	Western Canada High School															i/a															i/a					
All	Dual Credit and Exploratory Programs	Green Certificate			Veterinary Technical Assistant Certificate			Boilermakers		Heat and Frost Insulators		Aviation		Pipe Trades		Carpentry Trades		PE* Carpentry	PE* Electrician	PE* Welding	PE* Plumbing	Exploring Wood Trades	Exploring Metal Trades	Ironworkers		Psychology	Political Science	Kinesiology	Biology	Engineering and Geospatial Tech.	Environmental Engineering Tech.	Energy Engineering Technologies	Math	Sociology	Photography	Robotics Mentorship
		DC	DC	DC	DC	DC	DC	Ex	Ex	DC	Ex	Ex	DC	DC	DC	DC	Ex	Ex	Ex	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC

*PE refers to pre-employment opportunities