



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

**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.

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
- [Unique Pathways 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 Cluster Courses

- Schools may offer courses that draw credits from multiple CTS occupational areas
- Course offerings, credit structure and program focus varies by school
- Check individual school websites for more information
- Examples include: Engineering Studies, Robotics, Architectural Studies

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
- AP - means Advanced Placement offered in specified CTS programs

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

- See [Unique Pathways and Off-campus Education](#)

# CTS and K&E Occupational Pathways by High School

i/a – introductory to advanced    C – credentialed    AP – Advanced Placement

February 2025

Area		BIT						HRH														
		Computing Sciences	Networking	Enterprise and Innovation	Financial Management	Information Processing	Management and Marketing	Barbering Apprenticeship	Cosmetology / Hairstylist Apprentice	Esthetics	Culinary/Cook/Baker Apprentice	Personal Foods	Child Dev. Assist	Parenting	Leadership	Legal Studies	Tourism	Sports Medicine/EM	Sports Performance	HPAD	Medical Studies	
1	Bowness High School	i/a AP		i/a	i	i/a	i/a		i/a C	i/a	C	i/a			i/a			i/a	i/a	i/a		
	Discovering Choices - CACY	i/a		i/a		i/a						i/a	i/a	i/a								
	Discovering Choices II				i/a	i/a						i/a		i/a	i/a	i/a						
	Robert Thirsk	i/a		i/a	i/a		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			
	Sir Winston Churchill Digital Futures Pathways Collegiate	i/a	i/a																			
	Discovering Choices Bowness START Outreach	i/a		i/a	i/a	i/a	i/a					i/a		i/a	i/a		i/a		i/a			
	Discovering Choices Westbrook				i/a	i/a						i/a		i/a	i/a	i/a	i/a					
2	James Fowler	i/a AP		i/a	i/a	i/a	i/a		i/a C	i/a	i/a, c	i/a			i/a	i/a		i/a	i/a			
	John Diefenbaker																					
	William Aberhart	i/a AP																i/a	i/a			
3	Crescent Heights	i/a										i/a			i/a	i/a		i/a	i/a			
	Forest Lawn		i/a			i/a			i/a C	i/a	i/a, c	i/a			i/a	i/a		i/a	i/a			
	Jack James								i/a	i/a	i/a		i/a C									
	North Trail	i/a					i/a				i/a				i/a	i/a		i/a	i/a			
4	Cornerstone (New)																					
	Lester B Pearson	i/a			i/a		i/a				i/a	i/a			i/a	i/a		i/a	i/a			
	Louise Dean								i/a	i/a		i/a										
	Nelson Mandela	AP		i/a	i/a	i/a	i/a				C				i/a	i/a		i/a	i/a			
5	Centennial								yes	yes?												
	Joan Cardinal Schubert	i/a,		i/a					i/a C		i/a C		i/a			i/a		i/a	i/a			
	Lord Beaverbrook	i/a		i/a					i/a	i/a	Culinary Cook Apprentice	i/a			i/a	intro / inter		i/a	i/a		i/a	Intro
6	Alternative High School																					
	Career and Technology Centre	i/a	i/a		i/a		i/a		C	C	C						i/a					
	Central Memorial	i/a			i/a		i/a							i/a	i/a			i/a	i/a			
	Dr. E.P. Scarlett	i/a		i/a			i/a					i/a			i/a	i/a		i/a	i/a			
	Henry Wise Wood	i/a					i/a					i/a			i/a	i/a		i/a	i/a			
	William Roper Hull											i/a			i/a		i/a	i				
7	Ernest Manning	i.a		i/a	i/a	i/a	i/a				i/a				i/a			i/a	i/a			
	Queen Elizabeth	i/a									i/a	i/a			i/a			i/a	i/a			
	Western Canada	i/a		i/a			i/a					i/a			i/a	i/a		i/a	i/a			
Central	CBe-Learn (Online)	i/a			i/a	i/a												i/a				
	Christine Meikle School																					
	Dr. Gordon Townsend																					
	Wood's Homes - William Taylor Learning Centre & George Wood Learning Centre																					
									intro	Intro			i/a									

CTS & KE pathway and program offerings may change over time due to staffing, enrollment, equipment and/or facilities

# CTS and K&E Occupational Pathways by High School

i/a – introductory to advanced C – credentialed AP – Advanced Placement

February 2025

Area		MDC				ICT									
		Communication Technology	Design Studies	Fashion Studies	Cosplay	Design Innovation	Robotics	Engineering Studies	Photography	Film and Media	Other	Other	Animation	Architectural	Comic and Graphic storytelling
1	Bowness High School	i/a	i/a												
	Discovering Choices - CACY	i/a	i/a				i		i/a						
	Discovering Choices II	i/a		i/a						i/a					
	Robert Thirsk	i/a				i/a	i/a	i/a		i/a					
	Sir Winston Churchill	i/a	i/a			i/a									
	Sir Winston Churchill Digital Futures Pathways Collegiate	i/a				i/a	club								
	Discovering Choices Bowness START Outreach	i/a	i/a	i/a		i/a	i/a	i/a	i/a	i/a					
	Discovering Choices Westbrook		i/a	i/a					i/a	i/a					
2	James Fowler	i/a	i/a	i/a		i/a	i/a								
	John Diefenbaker														
	William Aberhart	i/a	i/a				i/a		i/a	i/a					
3	Crescent Heights			i/a		i/a	i/a		i/a						
	Forest Lawn	i/a		i/a						i/a					
	Jack James	i/a	i/a	i/a			i								
	North Trail					i/a			i/a	i/a					
4	Cornerstone (New)														
	Lester B Pearson	i/a	i/a	i/a											
	Louise Dean			i/a											
	Nelson Mandela	i/a	i/a	i/a		i/a	i/a		i/a	i/a		i/a			
5	Centennial														
	Joan Cardinal Schubert						i/a		i/a	i/a					
	Lord Beaverbrook		i/a	i/a	i/a	i/a	i/a		i/a	intro		i/a	i/a	intro	
6	Alternative High School														
	Career and Technology Centre	i/a				i/a	i/a	i/a	i/a	i/a					
	Central Memorial	i/a	i/a	i/a					i/a	i/a					
	Dr. E.P. Scarlett	i/i	i/a												
	Henry Wise Wood	i/a	i/a	i/a											
	William Roper Hull			i/a		i/a			i/a	i/a					
7	Ernest Manning	i/a	i/a	i/a											
	Queen Elizabeth	i/a	i/a	i/a											
	Western Canada	i/a	i/a			i/a	i/a								
Central	CBe-Learn (Online)	i/a	i/a	i/a											
	Christine Meikle School														
	Dr. Gordon Townsend														
	Wood's Homes - William Taylor Learning Centre & George Wood Learning Centre		intro	intro	intro	intro	intro	intro	intro	intro					

# CTS and K&E Occupational Pathways by High School

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Area		NAT						TMT									
		Agriculture	Environmental Stewardship	Forestry	Horticulture	Primary Services	Wildlife	Outdoor Pursuits	Autobody	Auto Service	Aviation	Electro-Technologies	Construction	Building Trades	Logistics	Welding and Metal Fabrication	Women in Trades
1	Bowness High School		i/a							i/a			i/a	i/a			
	Discovering Choices - CACY											i/a					
	Discovering Choices II	i/a			i/a		i/a	i/a									
	Robert Thirsk		i/a	i/a			i/a	i/a					i/a				
	Sir Winston Churchill									i/a		i/a					
	Sir Winston Churchill Digital Futures Pathways Collegiate											i/a					
	Discovering Choices Bowness START Outreach	i/a	i/a		i/a		i/a	i/a				i/a	i/a				
	Discovering Choices Westbrook	i/a	i/a		i/a		i/a	i/a				i/a					
2	James Fowler								i/a	i/a		i/a	i/a			i/a	
	John Diefenbaker											yes					
	William Aberhart									i/a		i/a					
3	Crescent Heights							i/a		i/a		i/a				i/a	
	Forest Lawn							i/a	i/a							i/a	C
	Jack James				i/a				i/a	C		i/a	i/a	i/a		i/a	C
	North Trail							i/a		i/a		i/a					
4	Cornerstone (New)																
	Lester B Pearson																
	Louise Dean																
	Nelson Mandela		i/a								i/a	i/a					
5	Centennial																
	Joan Cardinal Schubert											i/a	i/a				
	Lord Beaverbrook								i/a	i/a			i/a	i/a		i/a	i
6	Alternative High School																
	Career and Technology Centre	i/a	i/a	i/a		i/a	i/a		C			i/a				C	
	Central Memorial							i/a									
	Dr. E.P. Scarlett												i/a				
	Henry Wise Wood												i/a				
7	William Roper Hull	i/a	i/a		i/a			i	i/a							i	
	Ernest Manning																
	Queen Elizabeth											i/a	i/a				
	Western Canada	i/a	i/a	i/a	i/a	i/a	i/a					i/a			i/a		
Central	CBe-Learn (Online)																
	Christine Meikle School																
	Dr. Gordon Townsend																
	Wood's Homes - William Taylor Learning Centre & George Wood Learning Centre																i/a

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