



CTS - Career & Technology Studies (Gr. 10-12)
CTF - Career & Technology Foundations (Gr. 5-9)

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Career and Technology Foundations (CTF) provides students in grades 5 to 9 the opportunity to explore their interests within various occupational areas and technologies.

Career and Technology Studies (CTS) is designed for high school students so they can explore their interests and career options. CTS offers students opportunities to develop skills that can be applied in their daily lives and improve their employability following high school.

Courses available to Alberta Students (# of credits available for students)

CTF (Gr.5-9) link Career & Technology Foundations -5 clusters -28 Occupation Areas	TMT (CTS) link Trades, Manufacturing, Transportation (368 credits)	HRH (CTS) link Health Recreation Human Services (286 credits)	MCD (CTS) link (Media, Design & Communication Arts) (143 credits)	BIT (CTS) link Business Admin, Finance, Info. Technology (151 credits)	NAT (CTS) link Natural Resources & Agriculture (145 credits)
3 Main Goals: 1. is exploring interests, passions and skills while making personal connections to career options. 2. is planning, creating, appraising and communicating in response to challenges. 3. is working independently and with others while exploring careers and technology.	<ul style="list-style-type: none"> • Construction (56) • Electro Technology (43) • Fabrication (51) • Logistics (19) • Mechanics (63) • Power Engineering • 4th Class(31) • 5th Class(15) 	<ul style="list-style-type: none"> • Community Care (26) • Cosmetology (16) • Criminal Justice (28) • Esthetics (33) • Foods (46) • Health Care Aide • Health Care (28) • Human & Social Services (27) • Legal Studies (22) • Recreation Leadership (40) • Tourism (29) 	<ul style="list-style-type: none"> • Design Studies (33) • Communication Technology (58) • Fashion Studies (52) 	<ul style="list-style-type: none"> • Computer Science (29) • Enterprise & Innovation (12) • Financial Management (24) • Information Processing (21) • Management & Marketing (37) • Networking (28) 	<ul style="list-style-type: none"> • Agriculture (42) • Environmental Stewardship (29) • Forestry (21) • Primary Resources (21) • Wildlife (32)

1093 credits
Equal to 11 high school diplomas

Challenges for CTS Programs in Alberta.

1. Lack of knowledge of CTS
2. Lack of knowledge of opportunity
3. Lack of understanding of flexibility
4. Lack of student spaces
5. Lack of opportunity
6. Lack of expertise
7. Lack of availability
8. Lack of funding for specialized equipment,
9. Lack of physical lab space
10. Alberta Rural Disadvantage

How Can CTS solve Alberta work force challenges?

How many CTS credits are required to graduate in Alberta?

0/100

How many CALM (includes careers & financial literacy) credits required to graduate?

3/100

SOLUTION:

2023/24 – **800,000** K-12 students

2023/24 – **72,000** grade 12 students

[Student population statistics | Alberta.ca](http://Studentpopulationstatistics|Alberta.ca)