

AB CTS Academy

PROVIDING **CAREER** OPPORTUNITIES FOR YOUR TEENS' FUTURE



WHAT is the AB CTS Academy?

The AB CTS Academy is a virtual high school partnership that focuses on vocational and professional career education designed specifically to meet the needs of rural and remote Alberta students within their community schools.

The AB CTS Academy will provide an innovative career education and hundreds of connections to vocational and professional opportunities for grade 10 to 12 students.

WHY support the AB CTS Academy?

More than 52,000 rural and remote high school students throughout Alberta have limited opportunity for career and occupational education, which impairs employment preparation and career scope.

The AB CTS Academy will provide more than 200 introductory and 300 intermediate professional and vocational 1-credit courses that are combined to create a gateway to a personalized career and employment preparation education.

WHO will provide the professional and vocational courses?

Rural schools are challenged by smaller populations which impact the breadth of their programming at the high school level. Students often choose to migrate to larger high schools outside of their communities to increase options. This migration of students challenges the growth and capacity of rural schools and communities.

The AB CTS Academy faculty will provide hands-on 'problem-based' and 'inquiry-based' competency education for 45 National Occupational Classification (NOC) groups spanning over 500 specific occupations.

Grade 10 – 12 Courses Offerings

205 Introductory credits
351 Intermediate credits
Brackets (#) indicate number of 1-credit courses

Trades, Manufacturing and Transportation Courses

- Construction (56)
- Electro Technology (43)
- Fabrication (51)
- Logistics (19)
- Mechanics (63)
- Power Engineering

Health, Recreation and Human Services courses

- Community Care (26)
- Cosmetology (16)
- Criminal Justice (28)
- Esthetics (33)
- Foods (46)
- Health Care (28)
- Human & Social Services (27)
- Legal Studies (22)
- Recreational Leadership (40)
- Tourism (29)

Media, Design Studies and Communication

- Design Studies (33)
- Communication Tech. (58)
- Social Media (10)
- Video Production (10)
- Fashion Studies (52)

WHERE will the students take these courses?

In traditional schools, CTS programming requires dedicated spaces, time periods, and staff to offer courses. With the AB CTS Academy, students will be able to attend CTS programming within the familiarity and security of their local school and community.

The AB CTS Academy will be able to provide students with a combination learning environment that includes virtual training and hands-on practical experiences to provide multiple workforce experiences to assist in the preparation of students for careers and future post-secondary education.

WHEN will the courses be offered to students?

Small schools are only able to provide minimal CTS programming due to scheduling limitations and staff availability throughout the day.

The AB CTS Academy will be able to offer hundreds of options for students throughout the school day. The AB CTS Academy will have an operational day from 8am to 5pm to accommodate students when their schedule allows.

HOW will students take part in their learning?

Rural and remote Alberta students often miss out on professional and vocational education due to limiting programming and scheduling opportunities.

The AB CTS Academy is designed so that students can access their chosen personalized CTS curriculum during the school days and semesters that work best for them to explore professional and vocational career opportunities. Students will have access to specialized CTS teachers, workforce liaisons and career planning professionals that will prepare students for the vocational and professional demands of the Alberta economy.

Natural Resources, Energy and Agriculture Courses

- Agriculture (42)
- Energy Resources (21)
- Environmental Stewardship (29)
- Forestry (21)
- Wildlife (32)

Business, Investment & Financial, Information, Technology Courses

- Computer Science (29)
- Enterprise & Innovation (12)
- Financial Mgmt. (24)
- Information Pro. (21)
- Management & Marketing (37)

Occupational Preparation and Career Transitions Courses

- Job Preparation
- Job Maintenance
- Career Directions
- Preparing for Change
- Career Networking (28)

Emerging 21st Century Courses (2026)

- Aerospace (5)
- Forest Fire Mitigation (5)
- Flight, Aeronautics, Drones (5)
- Artificial Intelligence (5)
- Medical Advancements (5)
- Public Educator/Teaching (5)
- Music & Audio Production (5)
- Social Media Management (5)

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