

CTS

Faculty of Education Curriculum Laboratory
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1. PROGRAMS OF STUDY

Online through Alberta Education:

10-12 [Career and Technology Studies Program of Studies](#) (Also in Print **375 Pro CTS**)

A new CTS program was implemented in 2010. The new programs is based on [5 Clusters](#), which group over 1000 one-credit courses into 28 occupation types.

[Pathways to Possibilities Booklet](#) (Excellent Introduction to the 5 Clusters and Pathways Concept):

- Pathways describe the collection of one-credit courses that represent a specific goal or interest.
- Can be based on Post-Secondary or Certification requirements or on a student's own interests
- represent their own interests and goals. <http://education.alberta.ca/teachers/program/cts/resources/pathways.aspx>

[Credentialed Pathways:](#) (Essential document listing courses needed for specific certifications)

- Schools can choose to offer a series of courses to prepare students for writing certification exams
- Examples of certification supported include: Microsoft Certified Application Specialist, Child Care First Aid, Welder Apprentice Level I

7-9 [Career and Technology Foundations Program of Study:](#)

Currently in Draft and Piloting Stages (Calgary Board of Education). View the CTF site www.albertactf.ca for overviews on how it is organized. The program reflects current pedagogy by emphasizing Inquiry and project based learning (PBL).

2. LEARNING & TEACHING RESOURCES

[Calgary Board of Education \(CBE\) Career and Technology Strategy Site](#) includes a *resources* tab.

[CTS Guide](#) gives an excellent overview of the program, though no specific course information.

CTF links and resources at www.albertactf.ca

3. AUTHORIZED TEXTS

[Learn Everywhere Online Courses \(LearnAlberta under the T4T tab\):](#) Complete courses developed in partnership with Alberta Learning. Cover all outcomes and include activities and projects. Currently 65 full courses in LearnAlberta: you will need a teacher password to access. Courses seem to be added alphabetically: current range is AGR3000 through INF1070.

Authorized Resources Database, Alberta Education: View all authorized texts for a course. Sort by *Basic*, *Teaching* or *Support*.

The Following is a selection of authorized texts for some courses in the BIT stream.

Gr.	Call # in Curr. Lab	Title & Publisher
BIT: Enterprise and Innovation	658.118 Goo Gr. 10-12 (Basic)	Building a dream : a Canadian guide to starting your own business / Walter S. Good.
	658 Wor Gr. 9-12 5th edition (Basic)	The world of business : a Canadian profile (4th edition) / Terry G. Murphy, Jack Wilson, David Notman
BIT: Financial Management	657 Gil Gr. 10-12 (Basic)	Fundamentals of Accounting: Courses 1 and 2 Gilbertson, Claudia Bienias
	657 Cen Gr. 10-12 (Basic)	Century 21 Accounting: Multicolumn Journal.
	657 Acc Gr. 10-12 (Basic)	Accounting Principles
	Qui G. 10-12 (Basic)	QuickBooks in the classroom : instructor's resource guide 657
	808.066 Guf Gr. 10-12 v. 1 and v. 2 (Basic)	Essentials of Business Communication
BIT: Information Processing	005.5 Bro Gr. 10-12 (Basic)	A Guide to Microsoft Office 2007: For Information and Communication Technologies.
	808.066 Guf Gr. 10-12 v. 1 and v. 2 (Basic)	Essentials of Business Communication
BIT: Management and Marketing	658 Wor Gr. 9-12 5th edition (Basic)	The world of business : a Canadian profile (4th edition) / Terry G. Murphy, Jack Wilson, David Notman
	658.118 Goo Gr. 10-12 (Basic)	Building a dream : a Canadian guide to starting your own business / Walter S. Good.
	658.049 Baa v. 1 Gr. 10-12 (Basic)	International Business
	808.066 Guf Gr. 10-12 v. 1 and v. 2 (Basic)	Essentials of Business Communication
BIT: Networking	621.382 Ros Gr. 10-12 (Basic)	Introduction to Telecommunications
	004.6 Rob Gr. 10-12 (Basic)	Networking Fundamentals
BIT: Computing Science	005.262 Del Gr. 10-12 (Basic)	Java: How to Program
	004.6 Rob Gr. 10-12 (Basic)	Networking Fundamentals

4. www.LearnAlberta.ca

[Learn Everywhere Online Courses](#) : Complete courses developed in partnership with Alberta Learning. Cover all outcomes and include activities and projects. Currently 65 full courses in LearnAlberta: you will need a teacher password to access. Good support for BIT Cluster.

[LearnAlberta.ca \(Resource Search Tab\)](#): Over 300 CTS related resources for specific outcomes. Use **Resource Search tab** to search by keyword (e.g. foods, accounting, ergonomics)

5. ASSESSMENT MATERIAL

[Calgary Board of Education \(CBE\) Career and Technology Strategy Site](#): assessment section with excellent samples of performance tasks and rubrics. The project was piloted with Alberta Education.

Authorized Texts listed in #3 may have assessment support.

6. CURRICULUM LAB COLLECTION

Call #'s to browse in the Curriculum Lab:

Computers	005
Food Science	641
Word Processing	652.5
Accounting	657
Marketing	658

Search for Curriculum Lab Material via www.uleth.ca/lib (limit search to Curriculum Lab)

Some Good Searches

- **Marketing**
- **Small Business**
- **Accounting**
- **Internet Programming**

7. DIGITAL SUBSCRIPTIONS

Curriculum Lab [Digital Resources Page](#) at www.uleth.ca/education/currlab. **Logins Required.**
(Refer to your Curriculum Lab Digital Password List)

ADLC: Alberta Distance Learning. Complete courses developed by Alberta Teachers for distributed learning environments. U of L Faculty of Ed. has access to student materials for these course.

8. WEBSITES

[2learn.ca Senior High](#): Excellent Alberta Site featuring the best websites to support curriculum.

[2Learn2Gether CTS](#): Join discussion groups of Alberta CTS Educators (free to join).

[ATA CTS Council](#): Professional Organization. Excellent site. Resources section is good. Consider joining the council (one council is free with ATA membership- included with EUS membership).

Created by Beth Cormier. Updated Aug. 2014