COMPUTER INFORMATION TECHNOLOGY DIPLOMA

Program Office: 403.320.3468 • cit@lethbridgecollege.ca

Program Your Future

If you have a talent for technology, think analytically and pay attention to detail, the IT world needs you. Start your IT career with a diploma in Computer Information Technology. Our two-year program won't just show you how to build an information system – it'll show you how to build a career.

Through a mix of classroom theory, hands-on projects and workplace experience, you'll receive a comprehensive introduction to the information technology industry in a Canadian Information Processing Society-accredited program. Your technological skills will be balanced with coursework in business and communication, so you can understand how to best serve the companies that will rely on your tech talents.

Your Investment

Program fees will vary. To view fee information, click here (https://lethbridgecollege.ca/programs/) and select your program.

Graduation

Upon successful completion of all program requirements, students are awarded a Computer Information Technology diploma.

ADMISSIONS

New applicants are accepted into the Computer Information Technology program for the Fall (September) term.

General Admissions Requirements

All applicants must meet the general admission requirements for Lethbridge College programs, as indicated in the Admission section of this calendar.

Academic Requirements

In addition to meeting the general admission requirements indicated in the Admission section of this calendar, applicants to this program must also satisfy the following specific course requirements (or equivalencies):

- Grade 12 Math (equivalent to Alberta's Math 30-2 or a higher level Math)

Note: Due to workload in this program, students are encouraged to evaluate their external commitments or consult with an advisor about alternate program sequencing. Students who plan to continue their studies through various university programs may be required to take specific electives. Please see information under 'Transfers' for specifics.

Industry Suitability

Prospective students should be aware of the following job-related physical demands: standing or sitting for long periods of time, intense visual concentration, and some lifting and carrying.

CURRICULUM

Course	Title	Credits
Year 1		
Term I		
CIT-1152	Computer Hardware Maintenance	3
CIT-1154	Computer Programming I	3
CIT-1157	HTML and Web Publishing	3
ENG-1159	Writing for the Workplace	3
MTH-1152	Mathematics for CIT	3
	Credits	**15**
Term II		
BUS-1170	Introduction to Management	3
CIT-1156	Computer Programming II	3
CIT-1158	Computer Networking I	3
CIT-1163	Database Management Systems	3
CIT-2268	User-Centred Interface Design	3
	Credits	**15**
Year 2		
Term I		
ACC-1170	Financial Accounting I	3
CIT-2255	Computer Networking II	3
CIT-2265	Web Programming	3
CIT-2270	IT Integration Seminar	1.5
CIT-2275	Systems Analysis and Design I	3
Approved Elective [1]		3
	Credits	**16.5**
Term II		
CIT-2259	Computer Networking III	3
CIT-2262	Operating Systems Theory	1.5
CIT-2263	Introduction to Linux	1.5
CIT-2271	IT Field Work	3
CIT-2276	Systems Analysis and Design II	3
MKT-1188	Introduction to Marketing	3
Approved Elective [1]		3
	Credits	**18**
	Total Credits	**64.5**

[1] One elective must be CIT-2260 Algorithms and Problem Solving (3 credits) or CIT-2269 Mobile App Development (3 credits)

Year 2 Approved Electives

Course	Title	Credits
ACC-1175	Financial Accounting II	3
ACC-2250	Management Accounting I	3
ACC-2271	Intermediate Financial Accounting I	3
ACC-2278	Computerized Accounting for Management	3
ANT-1195	Cultural Anthropology	3
ARK-1165	Introduction Into Archaeology	3
BUS-1166	Business Law	3
BUS-1177	Entrepreneurship	3
BUS-2268	Organizational Behavior	3
BUS-2275	International Business	3

BUS-2278	Industrial and Labour Relations	3
CIT-2260	Algorithms and Problem Solving	3
CIT-2269	Mobile App Development	3
CMM-1185	The Principles of Animation	3
COM-1158	Leadership Communication Skills	1.5
COM-1159	Applied Interpersonal Communication	3
COM-1162	Interpersonal Relationships and Communications	3
CPU-1165	Business Applications II	3
DES-1155	Graphic Design	3
ECN-1180	Microeconomics	3
ECN-2253	Macroeconomics	3
EXS-1178	Resistance Training	3
HUM-1150	Logic	3
HUM-1155	Ethics	3
HUM-1180	Introduction to World Religions	3
HUM-1190	Popular Culture	3
PRS-1155	Speech	3
STS-2250	Statistics	3
VXR-1160	Art and Design for Extended Reality	3
VXR-1180	Spatial Media Production	3

Practicum Experience Requirements

There is a required practicum component to this program. The College dictates the legal terms and conditions governing the practicum experience.

TRANSFERS
Athabasca University

Graduates of Lethbridge College's Computer Information Technology diploma are eligible to receive 30 credits towards a post-diploma Bachelor of Science (General Science), Bachelor of Science (Applied Mathematics), Bachelor of Science (Computer and Information Systems), or a Bachelor of Science (Human Science) at Athabasca University. Students may receive up to 30 additional credits on a course-by-course basis, provided courses in the diploma fulfill requirements for Athabasca University's post-diploma Bachelor of Science programs.

Graduates are also eligible to receive 30 credits towards a post-diploma Bachelor of Commerce, Bachelor of Human Resources and Labour Relations, or a Bachelor of Management. Students should consult Academic Advising at Athabasca University or visit their website (https://athabascau.ca/registrar/forms/tcas/) for more information.

Northern Alberta Institute of Technology (NAIT)

Graduates of Lethbridge College's Computer Information Technology diploma, with a minimum GPA of 2.7, are eligible for admission into the Bachelor of Technology program at NAIT. Graduates must meet the competitive admission and selection requirements of the Bachelor of Technology at the time of application. Students should consult an Academic Advisor at NAIT for further information.

University of Lethbridge

Graduates of Lethbridge College's Computer Information Technology diploma, with a GPA of 2.5 or higher, are eligible for admission into the post-diploma Bachelor of Science (Computer Science) at the University of Lethbridge. Admitted students will be third-year degree level students in the university's Faculty of Arts and Science in all respects. For more information, please see an Academic Advisor at the University of Lethbridge or visit their website (https://uleth.ca/ross/postdiploma/).

CAREERS

- Business and Systems Analyst
- Computer Service Technician
- Database Designer/Developer
- GIS Developer
- Information Systems Project Manager
- IT Support Specialist
- Mobile App Developer
- Network Analyst/Technician
- Programmer Analyst
- Software Developer
- Software Testing Specialist
- Web Developer and Administrator