

Ontario College Advanced Diploma 3 years

Starts September and January

When starting in January, you must take the second semester courses in the spring/summer in order to be "on track" for the third semester in the fall.

PROGRAM OUTLINE

Semester 1

COMP 1111	Introduction to Databases
COMP 1100	Introduction to C++ Programming
COMP 205	Web Page Development
COMP 203	Introduction to Networking Concepts
COMM 004	Business Communications
MATH 8	Introductory Computer Math

Semester 2

COMP 1200	Intermediate C++ Programming
COMP 211	Program Design
COMP 1101	VB.NET Programming I
COMP 30	PC Hardware and Software
COMP 206	Enterprise Web Development
GEN ED	General Education Elective

Semester 3

COMP 1081	Operating Systems (XP, TSO)
COMP 1102	VB.NET Programming II
COMP 210	COBOL Programming
COMP 20	Data Base Management and Design
COMP 333	Object-Oriented Programming using C++
CARE 91	Career Strategies

Semester 4

COMP 52	JCL & Utilities
COMP 220	Client Server
COMP 251	Advanced COBOL Programming
COMP 305	JAVA Programming I
COMP 32	Game Programming using Flash

Semester 5

COMP 340	Systems Analysis & Design
COMP 35	CICS Command Level Programming
COMP 61	Work Placement I
COMP 31	Java Programming II
GEN ED	General Education Elective

Semester 6

COMP 208	Web Services
COMP 62	Work Placement II
QUAL200	Quality Assurance & Management
ACCT 101	Accounting Principles

FOR MORE INFORMATION

CONTACT RECRUITING

Call: 1-800-463-0752

Email: dreamit@sl.on.ca

Visit: www.stlawrencecollege.ca

Program Coordinator:

Donna Graves, 613-544-5400, ext. 1151

dgraves@sl.on.ca

PROGRAM HIGHLIGHTS

CPA graduates gain hands-on experience in developing computer programs to satisfy business requirements. Students are required to complete a work placement component which provides 8 months on-the-job training with a local company.

Our courses are constantly evolving to incorporate a blend of leading edge and traditional technologies to meet the needs of local employers. This program is well-suited to people who are interested in computers, but not math, physics or electronics. We are one of a handful of colleges in North America that offers mainframe training. We have a partnership with IBM's academic initiative program where they supply our program with mainframe resources.

The program provides you with skills in:

- problem solving
- logic analysis
- operating systems
- designing and writing computer programs
- client server
- web development
- object-oriented programming
- on-line gaming
- PDA/Cell phone programming
- Microsoft.net

CAREER OPPORTUNITIES

Prospects for both employment and advancement in the Information Technology industry are excellent. Over the past three years, the demand for IT professionals in Canada has doubled as baby boomers opt for retirement. The Conference Board of Canada has projected a shortage of 90,000 IT workers over the next five years.

The average starting salary upon graduation is \$45,760 (KPI Winter 08).

A career as a Computer Programmer Analyst may provide you with exciting and rewarding work in:

- programming
- web development
- systems development
- data modeling
- data base administration

Our graduates are employed in:

- government
- software consulting firms
- manufacturing
- education
- financial institutions
- service industry
- hospitals
- military

FEES

2009-10 tuition fees are \$2219. Compulsory fees are \$892.15. All fees are subject to change for 2010-11.

Entrance Scholarships are available for this program. Please refer to our website for details at www.stlawrencecollege.ca/awards

ADDITIONAL COSTS

Books and supplies are estimated at \$400 per semester. It is highly recommended that students have access to an IBM compatible computer outside of the college. Students must finance the cost of such a computer and possibly Internet access for home use. Students will be required to use a USB flash drive for some courses.

ADMISSION REQUIREMENTS

Ontario Secondary School Diploma or equivalent. The majority of Grade 11 and 12 courses must be college or university preparation level.

ADDITIONAL INFORMATION

Student Workload: Most courses have three tests and three assignments evenly spread throughout the semester. Designing and writing programs is very time consuming and students should expect to spend 10 hours per week on homework.

Work Placement: In the third year, students spend 16 hours per week on the job in a business environment. The student becomes a fully-functioning member working alongside, and learning from, IT professionals.

Many students are employed by their work placement during the summer months preceding third year. This gives one year work experience on their resume at graduation.

University and College Articulations: St. Lawrence College develops university transfer opportunities on a continual basis. For updates on transfer opportunities, conditions, and agreements, check our website under "Full-time Studies > Degrees of Opportunity".