

SOFTWARE ENGINEERING TECHNOLOGY



Hire The Best

In this program students learn modern software engineering methodologies, programming languages, design and algorithm concepts and data management tools. Our co-op students have the ability to write programs in C++, C#, Java, J2EE, .NET, XML and WebSphere. Database development and management with SQL, data mining and software security are also emphasized.

Some Assignments Include

- Computer Programmer/Analyst
- Business Analyst
- Software Tester
- Database Administrator
- Web Application Developer
- Software Maintenance

Program Outline



Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.
Semester 1	Semester 2	Vacation	Semester 3	Co-op Work Term 1	Semester 4	Co-op Work Term 2	Semester 5	Co-op Work Term 3	Semester 6
Programming I Software Engineering Fundamentals Introduction to Database Concepts Reading and Writing Prose Functions and Number Systems Introduction to Canadian Business	Network Technologies Programming 2 Web Interface Design Software Engineering Methodologies I Discrete Mathematics General Education		Advanced Database Concepts Java Programming Advanced Web Applications Development Advanced Business Communications Statistics and Research Methods Signature Learning Experience Employment Preplacement		Business and ICT Programming 3 Object-Oriented Software Engineering Unix/Linux Operating Systems Software Testing and Quality Assurance General Education		IT Project Management Software Development Project 1 J2EE Programming Web Services Programming Systems Integration Choice of one Technical Elective		Software Security Emerging Technologies Fundamentals of Data Mining and Warehousing Software Development Project 2 Choice of two Technical Electives

