

What is FIT?

FIT is a free Canada wide program for high school students who consider IT as a career choice. It was designed to prepare students for a world that runs on computers. The FIT program provides high school graduates with fundamental technology competencies, business & entrepreneurial skills and workplace experience.

The FIT program focuses on developing:

- ◆ Technical proficiency
- ◆ Multimedia development
- ◆ Network support capability
- ◆ Employability essential skills
- ◆ Business/entrepreneurship aptitude

The Focus on Information Technology (FIT) program was developed in 2001 by the Government of Canada and the Information and Communications Technology Council (ICTC).

How does FIT work?

Without taking on any extra course load, you can obtain your FIT certification by simply completing already established Ministry of Education Computer Studies and Computer Science courses like ICS201, ICS3U1 and ICS4U1. This program will provide you with the skills you will need for a career in the Information Technology industry.

When you complete the FIT Program you will earn an industry recognized certificate issued by ICTC, which is acknowledged across Canada and by post-secondary institutions.

The Post-Secondary Advantages

The FIT program is valuable in whatever career path you choose. Computers are used in every industry and profession.

- ◆ Advanced standing may make it easier to get into the post-secondary program you want and you will find it easier to succeed in that program.
- ◆ Advanced standing in post-secondary studies will give you a head start on a technology diploma or degree.
- ◆ The technical skills and work experience you get through the FIT program are in every career.
- ◆ In addition to work skills and experience, by the end of the FIT program, you will have the option to write industry standard certification exams such as A+, CCNA, JAVA, Microsoft Office Specialist or CompTIA Network.
- ◆ With industry certifications and co-op placements, you may qualify for or be entitled to National Certification from the Information and Communications Technology Council (ICTC).



FIT

The Focus on Information Technology Program



Information and Communications
Technology Council



Ancaster
High School



How the FIT Program Works Follow the path to success in Information Technology



You

+ ICS201
ICS3U1 =
ICS4U1



Explore the possibilities in IT

The Focus on Information Technology (FIT) program is innovative learning designed to jump-start careers in Canada's stimulating world of IT.

The FIT experience can also be extended through the co-op program, paid work experience or through the completion of industry certifications (e.g. Java, A+, IT Essentials and Network)

Getting your FIT Certificate starts with taking three FIT approved courses

Course: ICS201

Introduction to Computer Studies

This course introduces students to computer programming. Students will plan and write simple computer programs by applying fundamental programming concepts, and learn to create clear and maintainable internal documentation. They will also learn to manage a computer by studying hardware configurations, software selection, operating system functions, networking, and safe computing practices. Students will also investigate the social impact of computer technologies, and develop an understanding of environmental and ethical issues related to the use of computers.

Course: ICS3U1

Introduction to Computer Science

This course introduces students to Computer Science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental issues, emerging research in Computer Science, and global career trends in computer-related fields.

Course: ICS4U1

Computer Science University Preparation

This course enables students to further develop knowledge and skills in Computer Science. Students will use modular design principles to create fully documented programs, according to industry standards. Students will manage a large software development project, from planning to project testing, review and presentation. Students will also analyse algorithms for effectiveness. They will investigate ethical issues in computing and further explore environmental issues, emerging technologies, areas of research in Computer Science.