

Welcome to ICS20

Grade 10

Introduction to Computer Studies

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Getting Started...

1. Student Accounts

[OCDSB & Google](#)

2. Course Wiki

stevesweeney.pbworks.com

3. Edmodo Accounts

edmodo.com

ICS20 – Course Summary

- introduction to computer programming
 - learn programming concepts
 - write simple programs
- understanding computers
 - hardware components and functionality
 - operating systems & software options
- computers in society
 - impact of technology
 - environmental & ethical issues

ICS20 – This course is not...

- a continuation of BTT10
 - no focus on productivity or office software
- computer media (TGJ20)
 - no graphical, musical, or video editing
- computer engineering (TEJ20)
 - learn about computer hardware, but won't go any deeper (e.g., wiring circuits)
- NOT a place to play games, surf the web, or chat online with friends

Why are we here?

Think about your answer to some of these questions, or just answer in your own way:

- what do you hope to get out of this course?
- do you have a special interest in computers?
- ever thought about a career with technology?

Why take ICS20?

- lots/little/no previous computer experience
- thinking of taking ICS in Grade 11/12
- good post-secondary (job) opportunities
- technology credit requirement
- enjoy technology
 - games
 - mobile devices
 - online resources

ICS20 – Organization of Files

- after logging into your student account, your personal files (My Documents) are located on the P: drive
- create a folder called “00 ICS20”
 - all of your course material should be put here
- subfolders will be added throughout to course to keep your daily activities organized
- a part of your grade will be based on how well you keep your files organized

Sample File Structure

- 00 ICS20
 - 00 Introduction & Misc
 - 01 Scratch Programming
 - 01 Input & Output IPO
 - 02 Selection IF ELSE
 - 03 Repetition LOOPS
 - 02 Computer Systems
 - 03 Turing Programming

Sample File Structure

The image shows a Windows File Explorer window with a sidebar on the left and a main pane on the right. The sidebar shows the following items:

- Local Disk (C:)
- Local Disk (P:)
- 00 ICS20 (selected)
- Network

The main pane displays the contents of the '00 ICS20' folder, which are:

- 00 Introduction
- 01 Scratch Programming
 - 01 Input Processing Output
 - 02 Making Decisions
 - 03 Repetition
- 02 Computer Hardware
- 03 Computer Security
- 04 Turing Programming

The right pane shows a list of files with the following names:

- 00 Introduction
- 01 Scratch Programming
- 02 Computer Hardware
- 03 Computer Security
- 04 Turing Programming

File Storage & Backup

- space available on school board servers is very limited for students
- may need to store files in other locations
 - this also serves as a valuable backup in case files are lost, damaged, or modified
- recommend (at least) one of the following:
 - USB storage device
 - 'cloud' storage (Google Drive)
 - e-mail files to self using webmail (crude)