

EECS 1530

Computer Use: Programming

The slide features a light blue background with several horizontal lines. A thick teal line is positioned above the main title. Below the title, there are two thin teal lines. The subtitle is centered between two thin teal lines. At the bottom of the slide, there are two thin teal lines, with a thicker teal line at the very bottom. Additionally, there are two short, thick brown horizontal bars, one on the left and one on the right, positioned below the subtitle.

Please note

Course credit exclusions: LE/CSE 1530 3.00, AK/AS/SC/CSE 1530 3.00, LE/EECS 1540 3.00, LE/CSE 1540 3.00, AK/AS/SC/CSE 1540 3.00.

NCR Note: This course is **not** open to any student who has passed or is taking LE/EECS 1020 3.00 or LE/SC/CSE 1020 3.00 or LE/EECS 1021 3.00 or LE/EECS 1022 3.00 or AP/ITEC 1620 3.00

Self introduction

Anni Siren

- B.Sci 2012
- M.Sci 2014
- PhD Student 2018-2021
- SCALE (The Software Construction, AnaLytics and Evaluation) lab
- Research: Software Architecture
- Favorite programming languages:
 - Python
 - JavaScript
 - HTML/CSS

Contact info

Office hours starting January 14th - Excluding reading week (Feb. 15-21)

- Tuesdays: 10-11am - LAS 2002A
- Wednesdays: 4-5pm - LAS 2002A

Moodle forums - questions about course material & assignments

Email - for administrative matters

- asiren@eecs.yorku.ca

Learning objectives

By the end of the course you should be able to:

- Understand basic programming terminology
- Create and execute simple programs
- Understand basic data science terminology and concepts
- Be able to use the internet to find solutions for simple programming problems

Learning objectives

Concepts:

- Programming language (Python)
- Algorithms
- Software engineering

Course structure

Assignments (20%) - 9 assignments (lowest score dropped, 2.5% each)

Pre-class quiz (5%) - 1 per week

In-class quiz (30%) - 3 quizzes 10% each

Final exam (45%)

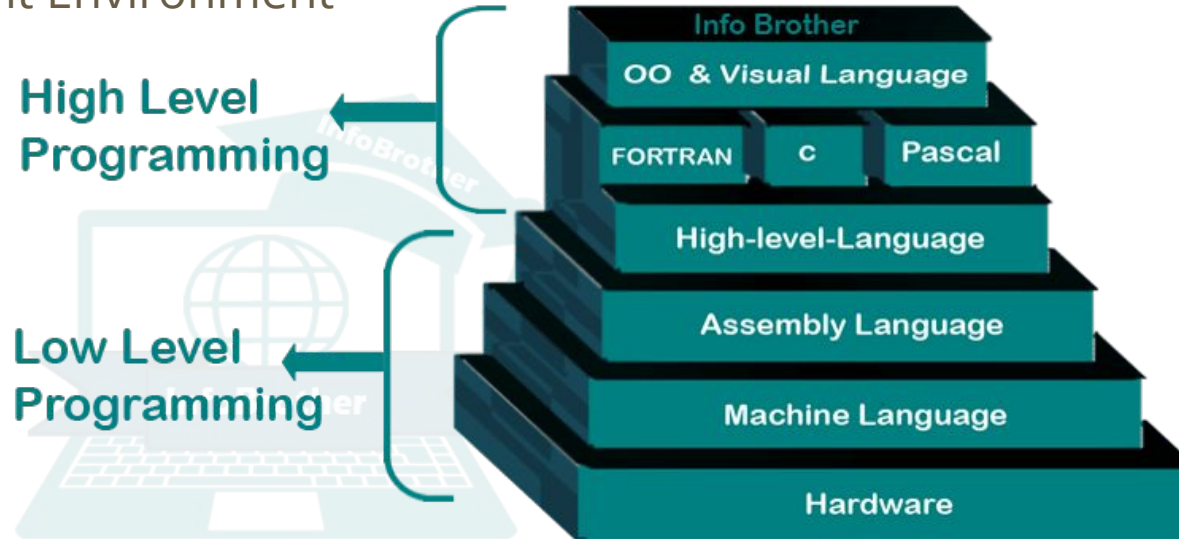
Introduction to Python

High vs low level programming language

IDE - Integrated Development Environment

[Python](#)

[Beginners guide](#)



Introduction to IDE

colab.research.google.com