

First-year CS Assessments – How CS learning is assessed!

Computer Science Session

**A Dialogue on CS and Math Education
High School CS/Math Teacher Workshop 2018**

Tuesday, June 5th

CSC108H5 – Introduction to computer programming

Structure of computers; the computing environment. Programming in a language such as Python. Program structure: elementary data types, statements, control flow, functions, classes, objects, methods, fields. List: searching, sorting and complexity. [36L, 24P]

Exclusion: CSC108H1, CSC120H1, CSC148H5, CSC148H1, CSC150H1, CSCA08H3, CSCA20H3

Prerequisite: Grade 12 Advanced Functions (MHF4U).

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CSC148H5 – Introduction to Computer Science

Abstract data types and data structures for implementing them. Linked data structures. Encapsulation and information-hiding. Object-oriented programming. Specifications. Analyzing the efficiency of programs. Recursion. This course assumes programming experience in a language such as Python, C++, or Java, as provided by CSC108H5. Students who already have this background may consult the Computer Science faculty advisor for advice about skipping CSC108H5. [36L, 24P]

Exclusion: CSC148H1, CSC150H1, CSCA48H3

Prerequisite: CSC108H5

You may not take this course after completing three or more CSC courses at the 200 level or higher.

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