

Maritime Labs

LECTURERS: Yaser Alkayale technoligest@gmail.com
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CLASS WEBPAGE: MaritimeLabs.com/class

CLASS TIMES: Saturday: 3PM – 6PM

LOCATION: Room 134, Goldberg Computer Science Building. 6050 University Av.

COURSE DESCRIPTION:

This course provides a general introduction to computer science through hand-on work with both Scratch and Java. The focus of the course will be on programming techniques and the foundation of computer science. Having a programmer's mindset will be the goal of the course. Topics include variables, loops, operators, functions, and object-oriented programming.

EVALUATION:

Course Component	Weight
Assignments (10)	70%
Attendance (12)	18%
Exam	12%

COURSE ANNOUNCEMENTS:

Please send all question to (class@maritimelabs.ca) and information and news of the course will be found on the website at (maritimelabs.ca/class).

COURSE SCHEDULE:

Part 1:

In this section, we will learn the basics of computer programming through building games with Scratch. In this section, we will dive into different concepts of computer science by hands-on experimentation.

Part 2:

In this section, we will learn the basics of Java and dive into object oriented programming. Here, we will learn the basics of Java and build something useful by the end of the course. We will go over many concepts that introduce students to concepts in programming and computer science.

Assignments (MaritimeLabs.ca/class)

All assignments are due at midnight.

Assignment 1 (Due March 3, 2017)

Assignment 2 (Due March 10, 2017)

Assignment 3 (Due March 17, 2017)

Assignment 4 (Due March 24, 2017)

Assignment 5 (Due March 31, 2017)

Assignment 6 (Due April 28, 2017)

Assignment 7 (Due May 5, 2017)

Assignment 8 (Due May 12, 2017)

Assignment 9 (Due May 19, 2017)

Assignment 10 (Due May 26, 2017)

Personal Login

CS Login:

User Name: _____

Password: _____

Scratch Login: (scratch.mit.edu)

User Name: _____

Password: _____

Gmail: (gmail.com & drive.google.com)

User Name: _____

Password: _____

MaritimeLabs: (maritimelabs.ca/login)

User Name: _____

Password: _____