

# Overview of Week 1

| # | DATE                             | LECTURES                                | IPAD NOTES | STUDY MATERIALS   |
|---|----------------------------------|---|------------|---|
| 1 | WED, Sep 8<br>to<br>TUE, Sep 14  | Lab0P1<br><br>See the Review Tutorials. |            | <ul style="list-style-type: none"><li>• Review Tutorials on OOP in Java<ul style="list-style-type: none"><li>▪ <a href="#">Tutorial Videos Playlist</a></li><li>▪ iPad notes</li></ul></li><li>• Slides<ul style="list-style-type: none"><li>▪ <a href="#">Lecture 1: Classes and Objects</a></li><li>▪ Lecture 1: Classes and Objects [4-up]</li></ul></li><li>• <b>Required</b> Written Notes<ul style="list-style-type: none"><li>▪ Inferring Classes/Methods from JUnit Tests</li><li>▪ Declaring and Manipulating Reference-Typed, Multi-Valued Attributes</li></ul></li></ul> |
| 2 | WED, Sep 15<br>to<br>TUE, Sep 21 | Lab0P2                                  |            |   |

W2.      W1

**Lectures Site:**

[https://www.eecs.yorku.ca/~jackie/teaching/lectures/index.html#EECS2030\\_F21](https://www.eecs.yorku.ca/~jackie/teaching/lectures/index.html#EECS2030_F21)

# Learning Objectives of Week 1

## - Review of Object-Oriented Programming (OOP) in Java:

+ Observe-Model-Execute Process ✓

+ Classes, Attributes ✓

+ Constructors, Accessors, Mutators ✓

+ **new** keyword, **this** keyword, dot notation

+ **Unit Testing** by JUnit Assertions

+ **Tracing** Object Creations and Method Calls

+ **Eclipse IDE:** Editor, Console, JUnit, **Debugger**

*o.m | m2(...). m3*

# Milestones of Week 1

- Syllabus Q&A: <sup>Wed B</sup> Sep 8 and <sup>Thu E</sup> Sep 9

- Complete Lab0 Part 1

(Review Tutorials Videos Parts 00 to 13)

- Get ready for Q&A sessions next week!

- Extra Practice: Java Tutorial from EECS1022-W21