

## Java: Approaching Object Oriented Programming Language Practically

**Instructor:** Mr. Khaled Almgren

**Class:** July 17, 2017 ~ July 20, 2017

**Class room:** South Hall 136

**Text:** Lab material will be provided (No Textbook)

**Contents :** This course is an introduction to Computer Science. It will cover all major aspects of object-oriented programming concepts including classes, objects, properties, and methods. We will also introduce OO design techniques. Algorithm development and pseudo code will be introduced. The following topics will be discussed in this course:

1. Object Oriented Program Design
2. Program Implementation
3. Programming Analysis
4. Standard Data Structure
5. Standard Operations and Algorithms

### Schedule

Lecture	Date	Covered Topics	Comments
1	July 17	OOP Design Program and Class Design	
2	July 17	Implementation techniques	Quiz 1
3	July 18	Primitive types Declaration Text output	
4	July 18	Control Expression Evaluation	Quiz 2
5	July 19	Testing and Debugging Runtime exceptions Program Correctness	Quiz 3
6	July 20	Slandered Data Structures	
7	July 20	Slandered Operations and Algorithms Java Library Computing in Context	Quiz 4