

## **Course Name: Enterprise Java Development**

Course Term: Jan 23 – Mar 27

Course Time and Day: 6pm – 9pm on Wednesdays

Instructor: Mr. Anil Parthasarathy

Prepares for certification exam: **Java SE 8 Programmer I | 1Z0-808**

### **Week 1**

Introduction

Installing Java 8 JDK

Introduction to the Eclipse

Installing Eclipse

### **Week 2**

Introduction to Object Oriented Programming

Primitive Data Types and Alternatives

### **Week 3**

Creating a Java Main Class

Managing data

Scope, Qualifiers

### **Week 4**

Creating classes and interfaces

Creating methods

### **Week 5**

Using encapsulations

### **Week 6**

Conditionals

Loops

### **Week 7**

Working with Arrays, Loops, and Dates

### **Week 8**

Handling Exceptions

### **Week 9 and 10**

Project - From student feedback