

## Java for Non Majors

CGS3416: Spring 2020

Department of Computer Science, Florida State University

Points: 110

Project Proposal Due: 04/05/2020

Complete Project Due: 04/23/2020

This is now an individual project. You will have to do the project yourself. For the course project, you are required to come up with a real-life problem (open ended) and solve it by designing and writing a Java program, which implements the following java object oriented features:

- 1) Required Features (40 points) :
  - a. Interaction Design (console application is fine)
  - b. Class and Object
- 2) Elective Features (Implement any 3 out of 5 from the list below, 40 points):
  - a. Parameterized Constructor
  - b. Encapsulation
  - c. Inheritance
  - d. Method Overloading
  - e. Method Overriding

You need to submit a project proposal (10 points) on 04/05/2020. One or two pages should be enough.

### Deliverables:

You need submit your code along with a report (20 points) detailing major functionalities of your application in a zip file. The report should also list all the steps needed to check all the functionalities your application.