**ICS 108 – Object-Oriented Programming**

**Lab # 11 – Polymorphism**

**Objectives:**

In this lab, the following topic will be covered:

1. Polymorphism

**Task**

Design a class named **Student** and its two subclasses named **Undergraduate** and **Graduate**.

A student has ID, name, phone number, and GPA.

An undergraduate has level (FR, SO, JR, or SR).

A graduate has research area.

Include in each class a constructor that has all the data fields and override the toString method to return the data fields.

Write a test program that creates an array of type **Student**. Fill the array with objects from the subclasses only. Finally, print the list of undergraduates followed by their average GPA, then print the list of graduates followed by their average GPA.