**ICS 108 – Object-Oriented Programming**

**Lab # 11 – Inheritance**

**Objectives:**

In this lab, the following topic will be covered:

1. Inheritance

**Task**

Design a class named **Person** and its two subclasses named **Student** and **Employee**.

A person has a name, phone number, and e-mail address.

A student has class status (freshman, sophomore, junior, or senior) and a GPA.

An employee has office, salary, and date hired.

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

Do not include getters and setters in the classes.

Write a test program that creates three objects: a **Person** object, a **Student** object, and an **Employee** object. Display the details of each object using its toString() method.