**ICS 108 – Object-Oriented Programming**

**Lab # 11 – Polymorphism**

**Objectives:**

In this lab, the following topic will be covered:

1. Polymorphism

**Task**

Modify the test class of the previous lab by adding the static methods as specified below:

**public** **class** Lab11 {

**public** **static** **void** main(String[] args) {

**Employee**[] employeeArray = createEmployeeArray();

        printFullTimeEmployees(employeeArray);

**double** avgSalary = avgSalaryFullTimeEmployees(employeeArray);

        System.out.println("avg salary of full-time employees = " + avgSalary);

        printPartTimeEmployees(employeeArray);

**double** avgHours = avgHoursPartTimeEmployees(employeeArray);

        System.out.println("avg hours of part-time employees = " + avgHours);

    }

*// method createEmployeeArray here*

*// method printFullTimeEmployees here*

*// method avgSalaryFullTimeEmployees here*

*// method printPartTimeEmployees here*

*// method avgHoursPartTimeEmployees here*