**ICS 108 – Object-Oriented Programming**

**Lab # 8 – Inheritance**

**Objectives:**

In this lab, the following topic will be covered:

1. Inheritance

**Task**

Create a class called **Vehicle** that contains fields for the vehicle's **Id** and **wheels**. Provide suitable constructors. Override the toString() method to return all data fields.

Create a subclass of Vehicle called **Truck** that contains a field for **load** (tonnage). Override the toString() method to return all data fields (use the toString() method of the Vehicle class).

Write a test program that creates a **Truck** object and a **Vehicle** object with values of your choice. Print the two object using the toString method.