# CSC 150: Computer Science I

# Assignment 3

Selection Structures: if Statements

**Learning Objectives**

* To understand compound statements
* To learn how to compare numbers and characters
* To learn how to use the relational, equality, and logical operators to write expressions that are true or false
* To learn how to write selection statements that choose between two alternatives in a program using the if statement
* To learn how to implement decisions in algorithms using the if statement

Chatflow Wireless offers customers 600 weekday minutes for a flat rate of 39.99. Night (8 P.M. to 7 A.M.) and weekend minutes are free, but additional weekday minutes cost 0.40 each. There are taxes of 5.25% on all charges.

Write a program that prompts the user to enter the number of weekday minutes, night minutes, and weekend minutes used, and calculates the monthly bill and average cost of a minute before taxes.

The program should display with labels all the input data, the pretax bill and average minute cost, the taxes, and the total bill. Store all monetary values as whole cents (rounding the taxes and average minute cost), and divide by 100 for display of results.

Compile, run and test your program.

Submit the working .c file in the Assignment 3 Dropbox.

