College of Engineering and Computing

Department of Civil and Environmental Engineering

CGN 2420 - Computer Tools for Engineers

HOMEWORK 1:

1.- Solve the following problems from text Engineering with Excel, Third Edition, Ronald W. Larsen.

Problems:

1.5, 2.4, 4.4, 4.9(b), 4.12, 7.2

Note: for problem 4.9(b) read first problem 4.8.

2.- Review the problem "Fluid Statics Application", open the corresponding spreadsheet and see how calculus are made and how units can be converted in Excel. Then, make a table to show the pressure difference (atm) for a differential manometer reading of: 0, 2, 4, 6, … 30 cm.

Due date: Tuesday May 15, 2012

Please submit your Homework on time to the following gmail account:
cgn2420.section1@gmail.com
Use only ONE Excel file, with each problem in a different spreadsheet. Save the file with your NAME and LASTNAME.
In addition print the homework and give it to your professor.
Homework that has not been submitted in this way will not be graded.