

## Engr 104

### Homework 3

1. Use the same file "sample\_grades.txt" used in the class (available in the tutorial). This file contains a list of student IDs and homework grades. There are 7 rows for 7 students, plus a header row at the top. Each row contains a student ID and 5 homework grades. The "columns" are delimited by Tab characters.
2. Import this file into Excel so that the data are properly stored in rows and columns.
3. Add a column to compute the average homework grade for each student
4. Add a column which uses IF statements to test the average and set the cell to the appropriate letter grade, i.e.

A for 90-100  
B for 80-89  
C for 70-79  
D for 60-69  
F for lower

You will need 3 or 4 nested IF statements depending on how you count. Be patient and attentive to parentheses and quotations.

When you save the file, it will want to save it as a text file, since that's what you read in. You will need to "SAVE AS..." and select File Type=Excel Workbook. If you inadvertently save it as a text file it will overwrite the one you downloaded, which may goof you up if you try to import it again. If you save the Excel file as the same name you'll see two files with the same name but different file types. That's ok as long as you know the difference. **Turn in the spreadsheet to homeworkflc02@gmail.com**