

HOMEWORK 6 (Excel)

You have an excel file (“FakeGrades-Phys500-Fall2018.xlsx”) where you’re keeping grades for a class you’re TA’ing. There is a list of students enrolled in the class (column A) with their PID numbers (column B) on rows 2-380. In addition, the results of exam 1 by PID are given on rows 387-712. Note that there are 379 people in the class, but only 326 of them took exam 1.

Your assignment is to fill in column C (rows 2-380) with the student’s exam 1 score. Do not do this manually – I would suggest you use the =VLOOKUP(...) function. In addition, if a student did not take the quiz, put a zero in the cell, and also have the cell highlighted yellow. There exist conditional formatting options to do such a thing.

You should output the result in an Excel file (suppose you talked with the instructor at the beginning of the quarter, and the instructor prefers Microsoft Excel). If you do not have Microsoft Excel (and don’t want to illegally download it), you have a couple other options:

1. Use the computers in the physics computing facility lab (PCF lab) on the 3rd floor of Mayer Hall. They have Mac OS X, Windows, and Linux workstations.
2. Use free software such as LibreOffice. With this software, you can read / write in file types compatible with Microsoft Office.

Send your .xlsx (not .xls!) file to me via email to submit the assignment. You are free (and encouraged!) to submit HW6 and HW7 together in one email.

As an aside, you should know that you cannot post grades publicly by PID (the student’s PID number is not anonymous). To inform students of their grades, your options are to:

1. Post grades on TritonEd by uploading a spreadsheet of grades (if your instructor uses TritonEd).
2. Assign each student an “exam code number” at the beginning of the quarter and post grades by this number. I have a shell script you can use to send out this number to the class; if you’d like more information, let me know.
3. Use a third-party online gradebook system. Be careful with this option, as we don’t want to give companies information about the grades of all our students. Talk with the instructor about this option before classes begin.