

MGMT 345 Assignment 5

Excel Project Maximize Investment Schedule: Part III

Due by 11:59 p.m., 4 May 2006

You must store the data in a Microsoft Excel workbook (.XLS) and submit the workbook file through the lab's website prior to midnight, 4 May. No late assignments will be accepted.

Directions: Using the Excel worksheet you submitted for Assignment 4, you will be adding some additional features to enable modifications to the fund portfolio. You should have at least up through May 1 for this assignment.

1. Fix all of the errors, if any, from Part II of the Excel project.
2. Create a new column and name it "Dividends"
 - a. Place this column next to the "Value" column
 - b. Format the column as currency
 - c. Enter the amount of the dividend received – if no dividend is received, leave the cell blank (but you must still have this column on each worksheet).
3. Create a new column and name it "D Value"
 - a. Place this column next to the "Dividends" column
 - b. Format the column as currency
 - c. To arrive at the monetary value of the dividend, use a formula to multiply the Dividend by the Shares Owned on the date that you receive the dividend. To make certain that the D Value is not changed, your formula should be calculated with the Shares appearing on the day before the dividend is entered. (E.g. Dividends Row 4*Shares Row 3. This formula should be copied down the column.
 - d. You will be re-investing the dividends in the same fund that produced them. To determine the new shares of the fund you own, create a formula in the Shares Owned column starting on the 2nd day of your records. This formula will calculate the previous days number of shares owned plus the previous days Dividend Value divided by the previous days NAV (E.g. Shares Owned row 2 = Shares Owned row 1 + D Value row 1 / NAV row 1). Copy this formula for all remaining rows in the Shares Owned column.
4. On 12 April, you received an additional \$10,000 to invest. To ensure that your portfolio remains diversified, you must purchase shares of a fund you do not already have in your portfolio. You will consequently need to add another worksheet that is formatted similarly to the other fund worksheets in your workbook to track this fund. Make sure that you account for the days prior to your purchase of this fund on the worksheet. You will also need to add this fund to

each of the charts you had previously created (make sure that the lines representing the funds all terminate on the correct day).

Remember, the top performer in each section will receive a bonus at the end of the semester.