



FIN 470: Financial Analysis in Excel

Larry Schrenk

Group Excel Assignment 10, Capital Budgeting

Remember that for credit all Excel spreadsheets must conform to the [Excel Guidelines](#).

CAUTION: Capital IQ (as well as other web sites) automatically downloads data as a 1997-2003 (xls) format Excel file. Immediately save your file in the current (xlsx) format since some recent Excel features are not available in the earlier format.

1. Create a workbook "FIN 470 A10 Group X (Fall22).xlsx".
2. On a worksheet called, "DecCrit", calculate:

Year	0	1	2	3	Variable	Value
CF	-6000	4000	1500	2000	Discount Rate/WACC	13%
					Reinvestment Rate	9%
					Payback Horizon	2

- A. The Payback Period,
 - B. The Discounted Payback Period,
 - C. The Net Present Value (NPV)
 - D. The Internal Rate of Return (IRR)
 - E. The Modified Internal Rate of Return (MIRR)
3. On a worksheet called, "Profile", calculate:

Year	0	1	2	3
CF(A)	-6000	4000	1500	2000
CF(B)	-3000	1800	800	1200

- A. The NPV Profile,
 - B. Graph the profile.
4. On a worksheet called, "Scenario":

- A. Use the Scenario Manager to create scenarios for discount rates: 8%, 10%, 12%, 14%, 16%.
- B. Create a scenario summary worksheet.