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ESD.71 / 1.146 / 3.56 / 16.861 Engineering Systems Analysis for Design  
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## Complete Revised Portfolio

**You've done well on all the pieces of the application! Now is the time to bring it all together and to think about what you have accomplished.**

### Completing the Application Portfolio

This involves the following tasks:

1) Assemble all the application assignments into a reasonably coherent whole. You are not expected to do extensive rewrites. However, it should look reasonably professional, that is it should have

- Title page
- Abstract or Executive summary, and a
- Table of contents

It should also be coherent, consistently referring to the same projects – for those of you who changed their project definition as you went along.

2) You should be careful to evaluate your alternatives multi-dimensionally, as stressed in the course. This involves a table in which you compare the fixed and flexible possibilities (conventionally in column headings) on the basis of the following criteria, as applicable:

- Expected NPV (ENPV)
- Maximum and Minimum Values
- Initial Capital Investment (CAPEX)
- Some measure of Return on Investment (e.g., ENPV / CAPEX)

3) Add a final chapter that reflects on

- Where you see the most use for the Flexible approach to design, and the valuation of options, that the course has stressed
- What you feel that have learned from the process of doing the application.

**Best wishes!!**

### Turn-in Instructions

Subject line: Turn-in of Complete Application Portfolio– “your name”

Name your file: “last name – topic – complete.