Due: Wednesday, January 18th (at the start of class)

References are to the course textbook (Baker), except as noted.

Reading

If you haven't already, please read Chapter 1.

For Monday, January 9th, Chapter 2, Section 1

For Wednesday, January 11th, Chapter 2, Section 2.

For Monday, January 16th, Chapter 2, Sections 3 and 4.

For Wednesday, January 18th, to the end of Chapter 2.

Assignment exercises to hand in

Questions 1 and 2 must be solved in a spreadsheet. To submit your answers, print the final spreadsheet and, list in writing the contents of any cells that have formulae in them along with the information entered into the "solver parameters" window.

1. Exercise 1.3.

2. Exercise 2.2.

Question 3 requires detailed written answers, typeset in LaTeX. You should also provide details of how you solved the problems, by spreadsheet or other means.

3. Case 3.2 from Hillier and Lieberman's "Additional Cases". This will be found in the course Canvas site.

Some other exercises you should try

4. The remaining exercises from Chapter 1.

5. Formulation problems are also available on the Web, such as the following solved problems authored by J.E. Beasley: `http://people.brunel.ac.uk/~mastjjb/jeb/or/lpmore.html`.