

Spring 2015

IE 411: Operations Research II

Lab and Tutorial Syllabus

Instructor: Duaa Bogari

Office Hours: Sun 10-1

Mon 11-1

Tues 10-12, 1-2

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Class Days: Sunday

Class Time: 1-2:50 pm

Classroom: Building 64G, 206L

Textbook:

Quantitative Analysis for Management, Barry Render, Ralph M. Stair (Jr) and Michael Henna, Prentice Hall International Inc., 11th Edition (2012).

Software: Excel Solver, QM, and TORA

Grading:

Assignments	5%
Lab	5%

Topics to be covered:

- ❖ Non-linear Programming
- ❖ Waiting Lines and Queuing Theory Models
- ❖ Dynamic Programming
- ❖ Inventory models
- ❖ Markov Analysis