MAU0061 : Linear Programming
Spring 2018

Contact Information

Instructor:	Jein-Shan Chen
Classroom:	C002
Time:	Thursdays, 1:20 - 4:20 pm
Office:	M321, Mathematics Building
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Office Hours

You are welcomed to drop by my office whenever I am in or please feel free to make an appointment with me.

Textbook

Most class materials are from "An Introduction to Linear Programming and Game Theory", by P. R. Thie and G. E. Keough, 3rd edition, John Wiley & Sons, 2008. Nonetheless, no textbook is required and you are expected to take class notes on your own.

Homework

As you are probably aware, most learning in a math course takes place when you do your homework. I will assign weekly or biweekly homework.

Exams

There will have only final exam which will be either a take-home exam or a presentation up to the majority's choice. Time will be announced when

it is approaching.

Topics

- Mathematical Models

- The Linear Programming Model

- The Simplex Method

- Duality Theory

- Sensitivity Analysis

- Integer Programming

Grades

Your final grade for this course will be determined as follows:

Attendance	30 %
Homework	30 %
Final	40 %

Sometimes you will be asked to attend conferences or workshops related to this course, and attendance of such cases is also counted.