

# Syllabus of STAT3110

## Office Hours:

**TR 1:00 pm-3:00 pm or by appointment**

**Fretwell 350A**

<b>Scheduled Meeting Times</b>						
Type	Time	Days	Where	Date Range	Schedule Type	Instructors
Class	3:30 pm - 4:45 pm	TR	Denny 105	Jan 09, 2008 - Apr 29, 2008	Lecture	Jiancheng Jiang (P) E-mail: <a href="mailto:jjiang1@uncc.edu">jjiang1@uncc.edu</a>

## Recommended Softwares: Microsoft Excel and SAS

Excel is available almost everywhere, and there is SMART Regression v3.0 can be added in it, if you don't have it, just send me an email, and I will get back to you.

SAS is very powerful for regression analysis. You are encouraged to use this software.

### Homework for different Chapters

Chapter 2: Problems 1, 7, 11, 12, 17, 20, 24, 27, 31, 34, 44, 48, 49; Proj. I (Problem 45)

Chapter 3: Problems 3, 7, 8, 10, 15, 26

Chapter 4: (1) Problem 1 on p148 and Problem 2 on page 150; (2) Problem 4 on p158; (3) Problem 19 on page 174.

Chapter 5: Project II

Chapter 6: Problem 2 on p219, Problem 3 on p 228, Problem 4 on p 250, Problem 5 on p 262.

Chapter 7: Problem 2 on page 285 (optional).

Chapter 8: Problem 3 on p 329 as Project III.

### Lecture Notes

Chapters 1-3:

[Note 1.](#)

[Note 2.](#)

[Note 3. \(additional notes\)](#)

[Note 4.](#)

[Note a](#)

[Note b](#)

[Note c](#)

[Note d](#)

[Note e](#)

[Note f](#)

Chapter 4: [Lecture note 1](#)

[Lecture note 2](#)

[Lecture note 3](#)

[Lecture note 4](#)

[Lecture note 5](#)

Chapter 5:

[Handout](#)

Chapter 6:

[Handout 1](#)

[Handout 2](#)

[Handout 3](#)

Chapter 7:

[Handout](#)

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## Datasets

- [Examples 2.10 and 2.11](#)
  - [Example 3.2 \(with an output from EXCEL\)](#)
  - [Example 3.3 \(with an output from EXCEL\)](#)
  - [Example 3.6 \(with an output from EXCEL\)](#)
  - [Examples 3.8 and 3.10 \(with an output from EXCEL\)](#)
  - [Examples 4.1-4.4 \(with an output from EXCEL\)](#)
  - [Example 4.6 \(with an output from EXCEL\)](#)
  - [Example 8.3 \(with an output from EXCEL\)](#)
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# Interesting Materials

Useful formulas in Chapter 2 for homework and tests: [part 1](#) and [part II](#)

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## Announcement.

Test II, 04/17/08 ([a sample test](#))