

Statistical Methods II - SYLLABUS

- **Instructor:** Jing Wang
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- **Lectures:** M W F 2:00 p.m. - 2:50 p.m., 316 Burnham Hall
- **Office hours:** M 3:00 p.m. – 5:00 p.m., F 3:00 p.m.- 4:00 p.m.
- **Textbook:** The 2nd edition of *Applied Statistics for Engineers and Physical Scientists* by Robert Hogg and Johannes Ledolter, Macmillan Publishing Company
- **Content:** Linear regression, introduction to model building, analysis of variance, analysis of enumerative data, nonparametric statistics, product and system reliability.
- **Prerequisite(s):** Grade of C or better in STAT 381.
- **Grades:** Points are earned through homework, midterms and comprehensive exam.

Homework: 20% Midterms (2): 20% Final Exam: 40%

• **Dates of Homework and Exams**

Homework: Wednesdays Midterm 1: February 21st
 Midterm 2: March 23rd Final Exam: May 8th (1-3 pm).

- **Make-up Exams:** No make-up quizzes or exams can be given without valid excuse.
- **Note:** The exams will contain questions concerning text material and problems, classroom discussions. Students should bring and display their UIC I-cards during exams.

Important Dates:

January 16	Instruction begins.
January 26	Last day to late register, last day to add a course.
February 12	CampusCare deadline to submit waiver forms
February 22	Tuition and fees payment due.
February 23	Deadline for dropping courses (All colleges)
March 26-30	<i>Spring Break. No classes.</i>
May 4	Instruction ends.
May 8	Final Examination.

• **Lecture Schedule:**

Weeks	Lecture Contents
wk1. 01/16 - 01/19	6.1
wk2. 01/22 - 01/26	6.1—6.2
wk3. 01/29 - 02/02	6.3
wk4. 02/05 - 02/09	9.1
wk5. 02/12 - 02/16	9.2
wk6. 02/19 - 02/23	Review; Midterm 1
wk7. 02/26 - 03/02	9.3—9.4
wk8. 03/05 - 03/09	7.1
wk9. 03/12 - 03/16	7.2
wk10. 03/19 - 03/23	Review; Midterm 2
wk11. 03/26 - 03/30	<i>Spring Break. No Classes.</i>
wk12. 04/02 - 04/06	7.3
wk13. 04/09 - 04/13	8.1
wk14. 04/16 - 04/20	8.2
wk15. 04/23 - 04/27	8.3-4
wk16. 04/30 - 05/04	Final Review
Wk17. 05/08	Final Exam

The instructor reserves the right to make any changes in the course she determines academically advisable. Changes will be announced in class. It is your responsibility to keep up with any changed policies.