Stat 312: Course Outline

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1. **Lectures**: TR 9:30-10:45 120 Ingraham

2. **Class web**: http://www.stat.wisc.edu/~mchung/teaching/stat312/stat312.html Lecture notes and homeworks will be posted here.

3. **Office Hour**: TR 11:00-12:30 or by appointment

4. **Office**: 1245C Medical Science Center Tel: (608) 262-1287

5. **Teaching Assistant**: Tao Yu yutao@stat.wisc.edu

6. **TA Office Hour**: TBA.

7. **Discussions**:
   - DIS 311 1:20pm Thurs 5295 MED SC CTR
   - DIS 312 4:00pm Thurs 1207 COMP S&ST
   - DIS 313 2:25pm Thurs 1289 COMP S&ST

8. **Requirements**: Stat 311 + Calculus + Access to Windows computer + printer. If you have not taken Stat 311, it is your responsibility to study Chapter 1-5 materials by yourself.


11. **Topics covered**: R statistics package, sampling distributions, point estimation, properties of estimators, confidence interval, hypothesis testing, correlation, regression analysis, analysis of variance, categorical data.


13. **Evaluation**: Exams may require understanding R outputs.
   - Assignments (20%) There will be about 8 bi-weekly assignments. Some problems will require using R. Staple your papers together. Write your name clearly. *Put your last name in the last position*. Please hand in homework in class on time. No late homework will be accepted or graded. Homework grading is the responsibility of TAs. For all matters of homework, contact TAs directly.
   - Mid Terms (45%) There will be two midterms. Calculators are permitted; One page note is permitted (letter size).
   - Final Exam (35%) Covers everything. Calculators are permitted but do not bring tiny computers; One page note is permitted (letter size).
   - Final Grade (100%) = Assignments (20%) + Midterms (45%) + Final Exam (35%).

14. **Important dates**
   - Sept 2 Class starts
   - Sept 6 Labor day
   - Oct 7 First Midterm
   - Nov 5 Last day to drop courses (undergraduates)
   - Nov 18 Second Midterm
   - Nov 26 Last day to withdraw courses (undergraduates)/drop courses (graduates)
   - Nov 25-28 Thanksgiving
   - Dec 15 Last class day
   - Dec 17 Final exam 12:25 P.M. FRI.