

Stat 324: Course Outline

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January 18, 2005

1. **Lectures:** TR 9:30-10:45 B239 VAN VLECK
2. **Class web:** <http://www.stat.wisc.edu/~mchung/teaching/stat324/stat324.html>
3. **Office Hour:** TR 12:00-1:30PM or by appointment
4. **Office:** 1245C Medical Science Center Tel: (608) 262-1287
5. **Teaching Assistant:** Deyuan Jiang
jiang@cs.wisc.edu
6. **TA Office Hour:** TBA.
7. **Requirements:** Calculus + Access to Windows computer + printer. Some homework problems will require R print-out. Installation guide can be found at <http://www.stat.wisc.edu/~mchung/teaching/R/installingR.htm>
8. **Textbook:** Jay L. Devore, Probability and Statistics for Engineering and the Sciences, 6th edition. Publisher: Duxbury, ISBN: 0534399339. 5th edition can be used.
9. **Recommended reading:** Peter Dalgaard, Introductory Statistics with R. Publisher: Springer Verlag; 1st edition. ISBN: 0387954759.
10. **Topics covered:** R statistical software, Descriptive statistics, probability, random variables, random samples, point estimation, confidence intervals, hypothesis testing, regression analysis, correlation analysis, categorical data, analysis of variance
11. **Evaluation:** Exams may require understanding R outputs.
Assignments (15%) There will be about 7 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 (40%) Covers everything. Calculators are permitted but do not bring tiny computers; One page note is permitted (letter size).

Final Grade (100%) = Assignments (15%) + Midterms (45%) + Final Exam (40%).

12. Important dates

Midterm I 9:30PM Thurs. March 3

Midterm II 9:30PM Thurs. April 7

Final exam 12:25PM Wed. May 11