STAT 709: MATHEMATICAL STATISTICS I  
Fall 2016

Instructor: Professor Jun Shao  
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Office hours: 10:50-11:40am MF or by appointment

Lecture: 9:55-10:45am MWF (room 133 MSC)  
Discussion: 1:00-2:15pm F (room 133 Sterling)  
Discussions taught by TA Mr. Shang Wu

Text: Mathematical Statistics (by Jun Shao, published by Springer)  
Topics covered: Chapters 1-3 (see the topic file)  
Syllabus: Syllabus for Ph.D. Qualifying Exam, Department of Statistics

Assignments: See www.stat.wisc.edu/~shao/teaching/assign709.html  
Due on each quiz day

Quizzes:  
1st quiz: 9:55am on Sept 26, 2016  
2nd quiz: 9:55am on Oct 24, 2016  
3rd quiz: 9:55am on Nov 21, 2016  
4th quiz: 9:55am on Dec 16, 2016  
Each quiz is closed-book and contains one problem from assignments

Exams:  
1st exam: 9:55-10:45am on Sept 28, 2016  
2nd exam: 9:55-10:45am on Oct 26, 2016  
3rd exam: 9:55-10:45am on Nov 23, 2016  
Final exam: 10:05am -12:05noon on Dec 20, 2016  
All exams are closed-book, but you may bring 2 pages of notes

Grading:  
4 quizzes 20 points  
1st exam 20 points  
2nd exam 20 points  
3rd exam 20 points  
Final exam 40 points  
Grades: A,AB,B,BC,...

Recommended books:  
Theory of Point Estimation (E.L. Lehmann)  
Real Analysis and Probability (R.B. Ash)  
Probability and Measure (P. Billingsley)  
Mathematical Statistics: Exercises and Solutions (J. Shao)