MATH 5090-001: Introduction to Statistical Inference, Summer 2011

Instructor: Elisha Hughes  
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Office: JWB 306  
Office hours: After class, or by appointment  
Classroom: LCB 219  
Class time: Tuesday and Thursday 6-8:15pm  
Text: Introduction to Probability and Mathematical Statistics by L. Bain and M. Engelhardt, 2e

Prerequisite: A grade of C or better in Math 5080

Americans with Disabilities Act (ADA): This act requires that reasonable accommodations be provided for students with physical, sensory, cognitive, systemic, learning or psychiatric disabilities. Students requiring such accommodations should speak with the instructor at the beginning of the semester in order to make appropriate arrangements for this course. The Center for Disabled Student Services (801-581-5020) will also need to be informed.

Course Description: Interval estimation, hypothesis testing, likelihood method, errors, optimality, order statistics, nonparametric methods, rank statistics.

Course Work and Grading: Grades will be based on weekly quizzes and homework, a midterm, and a final exam as follows:

Quizzes and Homework: 35%  
Midterm: 30%  
Final exam: 35%

Make-ups: There are NO make-up tests, and NO make-up quizzes. Students should make semester plans in advance - this is non-negotiable!

Some Important Dates:  
July 7th – MIDTERM EXAM  
August 2nd – FINAL EXAM, 6-8pm in our regular classroom