Syllabus: STT-863  
Statistical Methods I, 
Fall 2012

Instructor: Taps Maiti  
Office: C424, Wells Hall  
Tel: 517-355-9677  
maiti@msu.edu

MW 7:50-9:05 am, A328 WH (Wells Hall)  
Office Hrs:  2:10-3:00 PM, MW or by appointment


Authors:
Kutner, Nachtsheim, Neter

Website:
https://netfiles.umn.edu/users/nacht001/www/nachtsheim/
Prerequisite:

• STT 441/861, 442/862 or equivalent

Grading:

• Midterm ........................................ 20%
• Attendance & Participation. 15%
• Homework .................................15%
• Quiz ...........................................15%
• Project ........................................15%
• Final .......................................... 20%

• Exam dates will be announced one week in advance; Final Exam- Dec 13, 7:45-9:45a

• Teaching Assistant: Sayan Dasgupta, dasgup13@stt.msu.edu
Course Description: Please see dept. website

Objectives:
The objective of this course is to teach basic linear regression techniques that are widely used in business, economics, engineering, agriculture, education, social science and biological sciences. While this is basically an applied course, it will have effective blend of theory and methods.
• **Course Content**: Chapter 1-11, LASSO type and high dimensional variable selection and introduction to linear mixed models.

• **Attendance is important for success.** Learn materials well in order to get good grades. See the Policy detail [https://www.msu.edu/unit/ombud/attendance.html](https://www.msu.edu/unit/ombud/attendance.html)

• **No Make-up Exam, except emergency.**

• **No Late Homework.**

• **Students with Disability**: Please contact the resource center, [http://www.rcpd.msu.edu](http://www.rcpd.msu.edu)
Important Dates

- August 28    Classes Begin
- MONDAY SCHEDULE OBSERVED (even though this is Wednesday)
- September 2  Labor Day Holiday – University Closed
- September 23 End of tuition refund period
- October 16   Last day to withdraw or drop courses with no grade reported.
- November 28-29 Thanksgiving Holiday – University closed.
- **Final Exam:** December, 13, 7:45:00am-9:45 am.
Note

Instructor has the right to change or modify the syllabus, if needed.

Communication: Email is preferred. Subject STT863
Check ANGEL frequently.