

**Mathematical Statistics, MA 486/586-1C**     Spring 2014

Class meets Mondays, Wednesdays, and Fridays 10:10-11:00 AM in Room EB 146

**Instructor:** Dr. Nikolai Chernov

**Office:** 492 A Campbell Hall, ph. 934-2154 or 934-8613

**Office hours:** Mondays and Wednesdays 2:30-3:30 PM, walk-ins are welcome

**E-mail:** chernov@math.uab.edu

**Lecture notes:** posted (in PDF) on the instructor's web page:

[http : //people.cas.uab.edu/~mosya/teaching/teach.html](http://people.cas.uab.edu/~mosya/teaching/teach.html)

**Book:** Hogg & Tanis *The Probability and Statistical Inference*, 8th Ed.

All homework problems will be assigned from the book.

**Grading policy:** (One of the two schedules that yields a better grade for you)

Homework	10 %	or	0 %
Midterm I (February 7)	30 %		30 %
Midterm II (March 21)	30 %		30 %
Final (April 25, 8:00-10:30 AM)	30 %		40 %

**Homework:** Problems will be assigned weekly on Mondays, unless announced otherwise. Homework will be due the next Monday after assignment. Corrected and graded homework will be returned in the next class meeting. One (lowest) homework score will be dropped. Half credit is given for late homework. You can use any calculators and/or computers to do homework problems.

**To 586 students:** You are taking this course at a *graduate* level! You will be given extra, more difficult, assignments periodically. Unlike regular homework assignments, those extra assignments are *mandatory*. The extra assignments will make 15% of your course grade, the rest will count for 85%, scaled appropriately. The 586-level problems can be turned in any time before (or on) the final exam. The 586-level problems can be resubmitted after being graded, for full credit.

All tests in this course are **open-book** and **open-notes**. You may use a calculator or a computer, and you may actually need one of those.

**Past tests and exams** (some with answers and solutions) are posted on the instructor's web page. You can use them for practice.

*Welcome to MA 486/586 and best of luck to you all.*