

SYLLABUS  
Statistics 211 Section 200, Summer 2010  
MTWRF 10:00 - 11:35am Blocker 150

**Instructor:** Mehdi Maadooliat, Blocker 415A,  
e-mail: [madoliat@stat.tamu.edu](mailto:madoliat@stat.tamu.edu), website: <http://www.stat.tamu.edu/~madoliat>  
Office Hours: MTWR 11:35am - 12:05pm

**TA:** Bledar Alexandros Konomi, Blocker 405F, e-mail: [alexandros@stat.tamu.edu](mailto:alexandros@stat.tamu.edu)  
Office Hours: MTWR 3:30-5:00 in Blocker 457

**Topics:** Introduction to probability and probability distributions. Sampling and descriptive measures. Inference and hypothesis testing. Linear regression, analysis of variance.

**Prerequisites:** MATH 152 or 172.

**Textbook:** Miller and Freund's: Probability and Statistics for Engineering and the Sciences 7th edition, by Richard A. Johnson, Prentice Hall, 2005.

**Websites:** Notes and Homeworks can be found on the dostat website: <http://dl.stat.tamu.edu/dostat>  
StatCrunch (Off campus access password: whoop) <http://dl.stat.tamu.edu/statcrunch4.0/verify.php3>

**Help Hours:** MTWR 3:30-5:00 in Blocker 457. There will be four Statistics graduate students (including Alex) available to assist you with homework problems OR general questions. Take advantage of this FREE service.

<b>Grading:</b> Homework	25%
Examinations	20% each - 2
Final exam	30%
Best Exam	5%

You will NOT be allowed any **extra credit** projects, etc. to compensate for a poor average. Everyone must be given the same opportunity to do well in this class. Individual exams WILL NOT be curved; however, I may use attendance and class participation to make adjustments at the end of the semester. The final grade is based on a scale no stricter than  $90 - 100 = A$ ,  $80 - 89 = B$ ,  $70 - 79 = C$ ,  $60 - 69 = D$ , below  $60 = F$ .

**Exams:** There will be two **one hour long** 20 question multiple choice exams: July. 21th, and August. 3rd, plus the final: August. 10th from 10:30am-12:30pm. You will need an  $8.5 \times 11$  GRAY scantron for EACH exam!!!

**Non-excusable** missed exams receive a grade of **ZERO**; **excusable** ones will be compensated by placing more **weight on the other exams**.

**Incompletes:** A temporary grade of I (Incomplete) at the end of the semester indicates that the student has **completed the course with the exception of final exam, or minimal other work**. The instructor shall give this grade only when the deficiency is due to an authorized absence or other cause beyond the control of the student. This means you can NOT get an I if you have not done MOST of the coursework.

**Homework:** Homework is required so that you get a better understanding of the material covered, plus it will help you to keep up. It is strongly encouraged that you work with another student. You will get a better understanding of the material if you discuss it with someone. You must submit your own work, however (see the section on Scholastic Dishonesty below). Homeworks are due at 11:50pm (check for due dates in dostat).

NO LATE HOMEWORK WILL BE ACCEPTED NOR WILL YOU BE ALLOWED TO MAKE UP MISSED HOMEWORK! To compensate for university excused absences, ONE homework assignments will be dropped. You should only use these for valid absences and not waste them. If you start the course late, it will be a missed homework. If your computer doesn't work, it will be a missed homework. Plan accordingly! It is better to submit something, even if it is incomplete.

**DoStat** is a course management system we will use for homework and posting the lecture notes. To register, follow the steps below:

1. Goto <http://dl.stat.tamu.edu/dostat/> and click the **Register here** link.
2. Submit information for your account.
3. After logging in, click on **Add course**, and enter a course reference number of **DS-341** and a registration code of **tamu**.

**University Excused Absences:** The following is from the Student Rules guidelines (see <http://student-rules.tamu.edu/>, under Part I: Academic Rules).

The university views class attendance as an individual student responsibility. Students are expected to attend class and to complete all assignments. Instructors are expected to give adequate notice of the dates on which major tests will be given (see dates of exams above) and assignments will be due. This information should be provided on the course syllabus, which should be distributed at the first class meeting. Graduate students are expected to attend all examinations required by departments or advisory committees as scheduled formally.

- 7.1 The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for absence. Among the reasons absences are considered excused by the university are the following:
  - 7.1.1 Participation in an activity appearing on the university authorized activity list. (see List of Authorized and Sponsored Activities)
  - 7.1.2 Death or major illness in a students immediate family.
  - 7.1.3 Illness of a dependent family member.
  - 7.1.4 Participation in legal proceedings or administrative procedures that require a students presence.
  - 7.1.5 Religious holy day. (See Appendix IV.)
  - 7.1.6 Illness that is too severe or contagious for the student to attend class (please go to <http://student-rules.tamu.edu/> for more information).
  - 7.1.7 Required participation in military duties.
  - 7.1.8 Mandatory admission interviews for professional or graduate school which cannot be rescheduled.
- 7.2 If the student is found to be too ill to attend class by a Health Center physician, the director of the Health Center or his/her representative will, on request of the student, confirm this fact.
- 7.3 If an off-campus physician provides evidence of a students illness, the excuse documentation must contain the date and time of the illness and doctors opinion that the student was too ill to attend class. If a physician determines that the student is not ill, he or she will not receive an excuse. If no evidence is available, the instructor will decide whether makeup work will be allowed.
- 7.4 The associate dean for undergraduate programs, or the deans designee, of the students college may provide a letter for the student to take to the instructor stating that the dean has verified the students absence as excused.
- 7.5 If the student is seeking an excused absence, the student must notify the instructor as soon as possible after the absence, but no later than the end of the second working day after the last date of absence. If the absence occurs the same day as a scheduled exam or other graded procedure, the student must notify his/her instructor or department by the end of the next working day after the absence in order to ensure full rights. The student is responsible for providing satisfactory evidence to the instructor within one week of his or her absence return to substantiate the reason for absence. If the absence was excused, the instructor must either provide the student an opportunity to make up the exam or other work missed or provide a satisfactory alternative completed within 30 calendar days from the last date of absence.
- 7.6 The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unexcused absence.

**STATEMENT ON DISABILITIES:** The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Office of Disabilities Services in Room B118, Cain Hall. The phone number is 845-1637.

**STATEMENT ON PLAGIARISM:** The handouts used in this course are copyrighted. By "handouts," I mean all materials generated for this class, which include but are not limited to syllabi, quizzes, exams, lab problems, in-class materials, review sheets, and additional problem sets. Because these materials are copyrighted, you do not have the right to copy the handouts, unless I expressly grant permission. As commonly defined, plagiarism consists of passing off as one's own ideas, words, writing, etc., which belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your

own, even if you should have the permission of that person. Plagiarism is one of the worst academic sins, for the plagiarist destroys the trust among colleagues without which research cannot be safely communicated. If you have any questions regarding plagiarism, please consult the latest issue of the Texas A&M University Student Rules, under the Section "Scholastic Dishonesty." Reference <http://student-rules.tamu.edu> if you have questions or concerns.

**STATEMENT ON SCHOLASTIC DISHONESTY:** It is the responsibility of both Students and Instructors to help maintain scholastic integrity at the university by refusing to participate in or tolerate scholastic dishonesty. In a case of scholastic dishonesty, it is imperative that written documentation be kept at each level of the procedures. Examples of scholastic dishonest are given here:

**Improper Acquiring of Information:**

Acquiring answers for any assigned work or examination from any unauthorized source. Working with another person or persons on any assignment or examinations when not specifically permitted by the instructor. Observing the work of other students during any examination both in class exams and take home exams.

**Providing Information:**

Providing answers for any work or examination when not specifically authorized to do so. Informing any person or persons of the contents of any examination prior to the time the examination is given.

**Plagiarism:**

Failing to credit sources used in a work product (homework, take home examination, paper, dissertation) in an attempt to take credit for the work of someone else. Attempting to receive credit for work performed by another person, including papers obtained in whole or in part from individuals or other sources.

**Conspiracy:**

Agreeing with one or more persons to commit any act of scholastic dishonesty

**Fabrication of Information:**

The falsification of the results obtained from a research or laboratory experiment. The written or oral presentation of results of research or laboratory experiments without the research or laboratory experiment having been performed.

**"An Aggie does not lie, cheat, or steal or tolerate those who do."**

Please see <http://www.tamu.edu/aggiehonor> for the complete Honor Council Rules and Procedures.

**Violation of Computer Use:**

Violation of any announced departmental or college rule relating to academic matters, including but not limited to abuse or misuse of computer access or information.