

Syllabus (STAT 303 - Section 201, Summer II 2009)
MWF 8:00am-9:35am HECC 204; TR 8:00am-9:35am BLOC 162

1. **Instructor:** Jin, Ick Hoon; BLOC 506; e-mail: kentjin@stat.tamu.edu.
Office Hours: After Class, TR 10:00 - 11:30 am. Any e-mail that I receive before 6 pm from Monday to Friday, I will answer before end of the day.
2. **Grader:** Zhu, Xinxin; e-mail: xzhu@stat.tamu.edu
3. **Goals:** To become statistically literate, to develop a conceptual understanding of basic statistical principles, to learn to use technology (Excel in particular) to analyze data and aid in conceptual understanding, and to learn to use statistics to help understand and solve real-world problems.
4. **Topics:** Numerical and graphical methods of describing one and two variables, basic probability, means and variances of discrete random variables, continuous random variables, sampling distributions for samples means and proportions, condence intervals and hypothesis testing for means and proportions, regression analysis, χ^2 test for independence, and One-way ANOVA.
5. **Important Websites:** You will use the following websites throughout the course:
Notes and Announcements will be available on my website: <http://www.stat.tamu.edu/~kentjin/teaching.htm>
Homeworks and Course Information can be found on the STAT 30X website: <http://www.stat.tamu.edu/stat30x>
Homeworks and Grades will be posted in WebAssign: <https://www.webassign.net/login.html>
6. **Help Hours:** Monday through Thursday 4-6. There will be at least two Statistics graduate students available to assist you with homework problems OR general questions. Take advantage of this FREE service. It really does help.
7. **Textbook:** *Introduction to the Practice of Statistics*, 6th ed, by Moore & McCabe is available online as part of your lab fee. You will be given the necessary information in your first lab class. Also, a way to save your work in the lab (you cannot print from there) and a calculator will be needed.
8. **Attention:** It should be emphasized that this course will cover a great deal of material at a RAPID pace. As a rule of thumb, you should expect to spend a minimum of two hours for every hour spent in class reviewing material covered in lecture and homework. This means I expect you to work a minimum of 15 hours outside of class each week. Students who have had difficulty in previous courses, or who have not had a quantitative course in several semesters, may find that this course requires a considerable amount of preparation and extra study time, and should plan accordingly. A course in finite mathematics which includes some probability, i.e. MATH 141 or 166 and a basic understanding of Windows and MS Word will be helpful.

9. Grading:

10%	Homeworks
10%	Labs
20%	Each Exam (80% Total)
Optional	Final exam, to replace lowest Exam

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.

- Exam:** The basic format of exam will be four **one hour long** 20 - 25 question multiple choice exams for July 15th, July 22th, July 31st and August 7th. However, it is possible to give one or two written problems. Final exam is optional. It will be 25 - 33 question for multiple choice exams and it replaces the lowest exam scores.
- Homework:** Homework is required so that you get a better understanding of the material covered, plus it will help you to keep up. You will have ten homework in total and will be due by midnight of the due day. Each homework is worth 100 points. It is strongly encouraged that you work with your lab partner or 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).
NO LATE HOMEWORK WILL BE ACCEPTED NOR WILL YOU BE ALLOWED TO MAKE UP MISSED HOMEWORK! To compensate for university excused absences, TWO 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. If you miss more than 2 homeworks and have university excuses* for all of them, please contact Julie Hagen Carroll, email: julie@stat.tamu.edu, to arrange a makeup. Plan accordingly! It is better to submit something, even if it is incomplete.
- Lab:** Each week you will also have lab assignments covering the concepts of the week. Since it is very important that you grasp these concepts, we will discuss all of the questions during lab class, so part of your lab grade will be based on your attendance.
- 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 Support Services for Students with Disabilities in Room 126 of the Koldus Student Services Building. The phone number is 845-1637.

14. **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.

15. **ACADEMIC INTEGRITY STATEMENT:** “An Aggie does not lie, cheat, or steal or tolerate those who do.” All syllabi shall contain the above Aggie Honor Code and refer students to the Honor Council Rules and Procedures at the web site: www.tamu.edu/aggiehonor. If you encounter students cheating or not abiding by university rules then it is mandatory that you report the student to the Aggie Honor System Office: complete information at <http://www.tamu.edu/aggiehonor>.