Course Information for FALL 2014 STAT 4101:1

Instructor:       Woosuk Kim
Office:          221 Schaeffer Hall
Phone:           335-0814
Email:           woosuk-kim@uiowa.edu
Office Hours:    MWF 10:30 – 11:30 AM; or by appointment

Department Executive Officer:  Professor Luke Tierney, 241 SH, (p)335-0712

Course Prerequisite: 22M:026 (Calculus II)

Textbook

Course Objectives and Topics
The main objective of this course is to learn transformations, order statistics, point estimation, sufficient statistics, Rao-Blackwell Theorem, delta method, confidence intervals, likelihood ratio tests, and applications. We will cover chapters 4-7.

Homework
Homework from the textbook will be assigned on a rolling basis throughout the course. Understanding the homework problems thoroughly is one of the most important steps towards learning the material as well as performing satisfactorily on tests and quizzes.

Grading
The final grade will be calculated as follows:
Homework         10%
Quiz             20%
Midterm Exam (two hour) 30%
Final Exam (two hour) 40%

- A final score of 97 to 100 will assure a grade of least A+
- A final score of 93 to 97 will assure a grade of least A
- A final score of 90 to less than 93 will assure a grade of at least A-
- A final score of 87 to less than 90 will assure a grade of at least B+
- A final score of 83 to less than 87 will assure a grade of at least B
- A final score of 80 to less than 83 will assure a grade of at least B-
- A final score of 77 to less than 80 will assure a grade of at least C+
- A final score of 73 to less than 77 will assure a grade of at least C
- A final score of 70 to less than 73 will assure a grade of at least C-

**Attendance**
(1) You are expected to attend class every session according to university policy. Students who are absent from class without acceptable excuse should not seek help from me either during office hours or otherwise.
(2) BE ON TIME! Showing up late disrupts those who are serious about getting their money’s worth from the course.
(3) If you must leave class early for any reason, please let me know this before class and choose a seat that will allow you to exit the room with minimum disruption.

**Make-ups:**
There will be no make-ups for missed exams and quizzes. A valid, documented, excuse is necessary for any make-up quiz or exam.

**Calculators, Laptops, and Cell phones:**
(1) You will need a calculator, TI-83 or TI-84 preferred.
(2) You are not allowed to use a laptop during class.
(3) To avoid distractions, you are requested to switch off your cell phone at the beginning of class. No texting during class.

**Student Classroom Behavior:**
The ability to learn is lessened when students engage in inappropriate classroom behavior, distracting other; such behaviors are a violation of the Code of Student Life. When this happens, a University instructor has the authority to determine classroom seating patterns and to request that a student exit the classroom immediately for the remainder of the period. One-day suspensions are reported to appropriate departmental, collegiate, and Student Services personnel.
**Electronic Communication**
University policy specifies that students are responsible for all official correspondences sent to their standard University of Iowa email address. Students should check this account frequently.

**Academic Fraud**
All forms of plagiarism and any other activities that result in a student presenting work that is not his or her own are academic fraud. This is a serious matter and is reported to the departmental DEO and to the Associate Dean for Undergraduate Programs and Curriculum. Instructors and DEOs decide on appropriate consequences at the departmental level while the Associate Dean enforces additional consequences at the collegiate level.

**Making a suggestion or a complaint**
Students have the right to make suggestions or complaints and should first visit with me, then with the departmental DEO, if necessary. Complaints must be made within six months of the incident.

**Accommodations for Disabilities**
A student seeking academic accommodations should first register with Student Disability Services and then meet privately with the course instructor to make particular arrangements.

**Understanding Sexual Harassment**
Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately.

*This syllabus is subject to change.*