STA 7503: ADVANCED INference I, FALL 2018

General Information

Instructor: Victor De Oliveira                  Lectures: Mon & Wed 6:00–7:15 pm, BB 4.02.02
Office: BB 4.04.04                             Office hours: Mon & Wed 3:00–4:00 pm or by appointment
Email: victor.deoliveira@utsa.edu               Phone: 210–4586592
Course web page: http://faculty.business.utsa.edu/vdeolive/STA7503/

Main Reference:

Additional References:

Description

Brief Description. This is the first of a Ph.D. two–part course in statistical inference with emphasis on theory and foundations.


Prerequisites: STA 5503 and STA 5513 or equivalent and Doctoral standing. For this course students require to have had a couple of statistical inference courses at Master’s level.

Details

Grading Policy & Dates. The grade for this course will be based upon three in–class exams and periodic homework. The grade distribution and dates of exams are:

Homework assignments (30%), regular basis
Exam 1 (20%), Wednesday September 26
Exam 2 (25%), Wednesday October 31
Exam 3 (25%), Wednesday December 5
The final letter grade for this course will be strictly based on TOTAL (= Homework + Exam 1 + Exam 2 + Exam 3) according to the rule:

TOTAL ≥ 90% → A, 78% ≤ TOTAL < 90% → B, 65% ≤ TOTAL < 78% → C, 50% ≤ TOTAL < 65% → D, TOTAL < 50% → F.

**Homework.** In order to learn the course material and get a good grade in the course it is absolutely necessary (but not sufficient) that you invest time on seriously working on the homework. Homework will be announced in class and posted on the course web page and they are due about one week later at the beginning of class. No late homework will be accepted under any circumstance, but the lowest homework grade will be dropped. You can discuss homework with a classmate, but each student has to write his/her own homework solution. Copying the solution of one or more problems from another student (or other source) is considered academic dishonesty/misconduct and will be dealt with according to the UTSA policy on this regard; see below.

**Exams.** The exams will be closed–book and closed–notes. Students are allowed to bring a one–page formula sheet. You have to show all your work in the exam in order to receive credit. Each student has to write his/her own exam solution. Communicating with another student during the exam or looking over another student exam is consider academic dishonesty/misconduct and will be dealt with according to the UTSA policy on this regard; see below. There will be no individual make up exams. If you miss one of the exams, you may be allowed to take a comprehensive make up exam on December 10 (location and time to be determined). To be allowed to take this make up exam you have to bring valid written documentation that explains the reason for the missed exam. The make up exam will replace at most one missing exam grade.

**Additional Information**

**Attendance.** Attendance to all lectures is mandatory as this is crucial for learning and good course performance.

**Withdraw.** The last date that a student is permitted to drop an individual course with a grade of ‘W’ is October 23.

**Academic Accommodations.** The Office of Disability Services is the only university body who may issue instructions for special academic accommodations. If you require such accommodations you have to register at that office; see www.utsa.edu/disability/

**Academic Misconduct.** Students are responsible for learning and understanding UTSA policy on academic misconduct. The student code and related matters can be found at: http://catalog.utsa.edu/informationbulletin/appendices/studentcodeofconduct
The University of Texas at San Antonio Academic Honor Code

Preamble.
The University of Texas at San Antonio community of past, present and future students, faculty, staff, and administrators share a commitment to integrity and the ethical pursuit of knowledge. We honor the traditions of our university by conducting ourselves with a steadfast duty to honor, courage, and virtue in all matters both public and private. By choosing integrity and responsibility, we promote personal growth, success, and lifelong learning for the advancement of ourselves, our university, and our community.

Honor Pledge.
In support of the ideals of integrity, the students of the University of Texas at San Antonio pledge:

As a UTSA Roadrunner I live with honor and integrity

Shared responsibility.
The University of Texas at San Antonio community shares the responsibility and commitment to integrity and the ethical pursuit of knowledge and adheres to the UTSA Honor Code.

Student Creed
The University of Texas at San Antonio is a community of scholars, where integrity, excellence, inclusiveness, respect, collaboration, and innovation are fostered.

As a Roadrunner I will:

◦ Uphold the highest standards of academic and personal integrity by practicing and expecting fair and ethical conduct;
◦ Respect and accept individual differences, recognizing the inherent dignity of each person;
◦ Contribute to campus life and the larger community through my active engagement;
◦ Support the fearless exploration of dreams and ideas in the advancement of ingenuity, creativity, and discovery.

Guided by these principles now and forever, I am a Roadrunner!