College of Sciences & Mathematics Class Syllabus / Policy Sheet

Maymester 2018
MTH 220
Introduction to Probability & Statistics

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Office: 312, Math Building
Office Hours: See attached schedule

Text and Materials:

Case Study Manual: Available for Download on D2L

Three Ring Binder (recommended): Either 1.5” or 2” with a separator. One section of the binder must exclusively hold your Case Study Manual. You will need to three-hole-punch the pages after downloading. If you take notes in spiral, you can get away with a 1.5” binder for the manual. If you take notes on loose paper, include them in the second section of the binder and buy a 2”.

Course Requirements:

Course Goals: To equip students with the skills necessary to use data in order to make better decisions. Specifically, to master basic skills in the sciences of probability and statistics that will empower students when it comes to interpreting data. A major goal of the course is to teach the students that data drives decision making in all facets of life. Learning to organize, summarize and make inference from data will allow us to develop more successful policies in among other disciplines business, education, medicine, engineering, law, and politics.

Specific Topics Covered: the basic language of populations and samples, variation and distributions, the statistical inference process, the role of probability in making statistical decisions, analysis of one and two proportions, analysis of one and two means, regression and correlation.

Exams: See attached schedule.

Grading Breakdown: See attached schedule

Preferred Method of Communication: If you cannot come by during office hours or talk to me before or after lectures, the preferred method of communication is via e-mail. Although frequently you will be able to get through to talk to me on the phone, I tend to answer e-mail messages with more regularity than I check phone messages. Often, I screen phone calls or disconnect the phone in my office altogether. However, rest assured that...
outside of class or office hours you will be able to communicate with me via e-mail. I can check these messages from both home and off campus and can often reply at hours that are not during the typical work day. PLEASE ONLY USE THE E-MAIL ADDRESS LISTED ABOVE. I will not reply at other addresses which are posted in university literature.

Note about Expectations: I expect you to review the notes I give you in class multiple times a night. Studying just an hour or so each night during Maymester is unacceptable. The quizzes based on the reading are specific. You’ll need to read with a VERY high attention to detail and with a VERY high reading comprehension level. Just reviewing notes and the Case Study Manual loosely for the test will not make you prepared. You must have a deep, deep understanding of the notes you take in class and the Case Study Manual to be successful. Just being "loosely familiar" with the notes/book is not close to being prepared for exams.

**Academic Integrity (A-9.1)**

Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

**Definition of Academic Dishonesty**

Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one's paper without giving the author due credit.

Please read the complete policy at [http://www.sfasu.edu/policies/academic_integrity.asp](http://www.sfasu.edu/policies/academic_integrity.asp)

**Withheld Grades Semester Grades Policy (A-54)**

Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.
The circumstances precipitating the request must have occurred after the last day in which a student could withdraw from a course. Students requesting a WH must be passing the course with a minimum projected grade of C.

**Students with Disabilities**

To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to [http://www.sfasu.edu/disabilityservices/](http://www.sfasu.edu/disabilityservices/).
MTH 220 – Introduction to Statistics
Maymester 2018

Daily Schedule

9:00 to 9:15: Daily Quiz
9:15 to 10:45: First Half of Class
10:45 to 11:00: Break
11:00 to 12:30: Second Half of Class
12:30 to 1:45: Lunch
1:45 to 2:45: Office Hour (Room 312, No Office Hour on Fridays)
2:45 to 4:45: Read/Nap/Workout
4:45 to 5:45: SI Group w/ Erik

Midterm Exam: Tuesday, May 22 (9:00 to 11:15)
(One Hour Class Following From 11:15 to 12:15)
Midterm covers first week of class (5/14 to 5/18)

Final Exam: Wednesday, May 30

Class Days:
5/14-5/18 (Quizzes on 15, 16, 17 and 18)
5/21-5/25 (Quizzes on 21, 23, 24 and 25)
5/29 (Quiz)
No Class: Memorial Day, Monday 5/28

Grades:
30% Final
25% MidTerm
45% Quizzes (9)

Format:
Quizzes: Multiple Choice (Approx. 15 questions)
(Some computations may be necessary to answer)

Exams:
50% Fill in Blank and Short Answer
50% Problem Solving

Quizzes always based on previous day lecture and previous day reading assignment.
Exception: Quiz on Wed 5/23 based on Mon 5/21 and one hour lecture of Tue 5/22.