Math 10 – Statistics (Sec 01 & 04) – Summer 2020 Syllabus

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Required Materials: Textbook – *Inferential Statistics and Probability* by Geraghty. The online text is free; a hard copy of the text is available from the bookstore online for copying costs.

Calculator – Scientific Calculator is sufficient. Cell phone calculators are ok.

Access to a computer; we will be using Zoom, Canvas, Google Docs and Minitab and other online material. Course topics, homework, exam information, handouts, data sets, and other information will be posted on the website or in Canvas.

Grading: Grading: Grading will be based on the following criteria. **Grades are not negotiable.**

* * * * * * * * * *Grading Scale (points) * * * * * * * * *		Grading Criteria	
97% to 100% = A+	90% to 96% = A	Exams:	50%
87% to 89% = B+	80% to 86% = B	Labs:	25%
77% to 79% = C+	70% to 76% = C	Group work	15%
60% to 69% = D	0% to 59% = F	Discussion	10%

Homework: Homework will be assigned, but will not be graded. It is expected that you do the homework to understand the topics on both the labs and the exams.

Discussion: Each week I will post a topic on the Discussion board. You will be graded for participating constructively on these discussion topics

Group work: There will be several unscheduled group activities during the course that will be graded. Group work will be submitted in Canvas.

Labs: You will use Mintab and other statistical software in analyzing data, learning statistical models and working on the class material. Computer labs can be done in groups of no more than five people for a common grade and be turned in by the due date.

Late Work: Discussion, Group work and labs turned in after the due date will receive a reduction as specified in Canvas.

Exams: There will be 3 midterm exams and a final exam during the quarter given on Canvas. Your lowest exam score will be dropped. . Each of these 3 counted exams is worth 50 points. There will be a flexible 3 day window to complete each exam. **There are no make-up exams.**

Adding/Dropping: If you choose not to complete the course, it is your responsibility to officially drop or withdraw from the course by the deadline date.

Attendance: This online class will be given synchronously meaning that we will meet online at the scheduled class times. We will also have in-class time for group work and labs. I plan to record each lecture part of the class.

Changes: Information in this syllabus may be changed during the quarter, but you will be informed in advance.

Other Information: All students are expected to understand the college policy on cheating as outlined in the student handbook. **Plagiarism (submitting another's work as your own) will result in an immediate failure for the course for your entire group.**

Read the **Frequently Asked Questions** on the website for other policies and procedures.

If you feel that you may need an accommodation based on the impact of a disability, you should contact me privately to discuss your specific needs. Also, please contact Disability Support Services (Links to an external site.) for information or questions about eligibility, services and accommodations for physical (DSS), psychological (DSS) or learning (EDC) disabilities.

Student Learning Outcome(s):

*Organize, analyze, and utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data.

*Identify, evaluate, interpret and describe data distributions through the study of sampling distributions and probability theory.

*Collect data, interpret, compose and defend conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.