

STAT-1100Q-: Elementary Concepts of Statistics - Discussion Section

SEC033D — We 8:00am - 8:50am

TA Information

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*For any questions relating to the course or course material, feel free to email me at the email above. I normally respond within 24 hours. Please include your name and **section number** in your email.*

Course Description

This discussion section will meet in-person every Wednesday from 8:00 am – 8:50 am in AUST 202. I will be attending a conference on Wednesday, March 26; therefore, a video recording will be provided on HuskyCT. Each week we will be going over MiniTab assignments or other Worksheets as assigned by your instructor. There will also be 6 in-person quizzes throughout the semester. It is expected that all students will be physically present for all discussions sections.

Components of the Discussion Section

- MiniTab:

MiniTab is a statistical software package that we will be using throughout the semester. In order to use this software, you will need to obtain a Minitab license. (Information on how to obtain this license is under the MiniTab folder in HuskyCT.)

The MiniTab Manual will be posted Chapter by Chapter in the MiniTab Folder in HuskyCT. Each chapter contains a set of instructions that you will need to complete the corresponding assignments for each chapter. MiniTab Data will also be posted Chapter by Chapter in the MiniTab folder in HuskyCT. These files will be posted in txt format. These data files are used for both MiniTab Manual and MiniTab Assignments.

Throughout the semester, you will be doing Minitab Assignments on-line that will be posted in the Minitab folder under “MiniTab Assignments”. You will have the opportunity to do each assignment twice (so that you can correct any mistakes you might have made in the first attempt.) After the first attempt you will be able to see which questions you got wrong. To do the assignment over again you must resubmit all your answers (including the correct ones). Due dates for all MiniTab assignments can be found on page 3 of the syllabus but are subject to change throughout the semester. **Late submissions will NOT be accepted.**

- Worksheets:

Throughout the semester we will be doing worksheets that will cover the use of the graphing calculator for specific statistical calculations. These worksheets will be posted in the “Worksheets” folder in HuskyCT. Once you have completed a worksheet you will submit it to “Worksheet Submission Link” in HuskyCT. Be sure to include your name and your section number, and to upload files in PDF format. Due dates for all Discussions Worksheets can be found on page 3 of the syllabus but are subject to change throughout the semester. Late submissions will NOT be accepted.

- In Person Quizzes:

Throughout the semester we will have 6 short quizzes that will cover current topics in the course. These quizzes will be in-person quizzes that will run during the last 20 minutes of certain discussion sections. Quiz dates can be found on page 3 of this syllabus but are subject to change throughout the semester. The two lowest quiz grade will be dropped. No make up quizzes. CSD students will have the opportunity to set up extended time for these quizzes with Professor McLaughlin.

Grading

The course grade is determined by the following components:

Two Tests (worth 15% each)	30%
Cumulative Final Exam	20%
WebAssign Homework	10%
Optional Project	10%
Minitab Assignments:	10%
Discussion Worksheets:	10%
Quizzes:	10%

Grading Policy

- Each Minitab Assignment and Quiz will be graded out of 100 points. Each Worksheet will be graded out of 10 points. All the grades will be posted in HuskyCT, on the Discussion Section site, typically within one week after they are collected. All assignments are expected to be submitted by the due dates on page 3 of the syllabus, unless otherwise stated by your TA or instructor. Make sure you start doing your homework early. Late submissions will NOT be accepted. No make up quizzes. All extension requests go to Professor McLaughlin. Last-minute extensions will not be entertained without specific reasons. If you need an extension on the assignments, please make sure to contact the Instructor as early as possible.
- As you will see in Professor McLaughlin's syllabus, the course is divided into 3 Modules with each module ending with a Test. All the assignments in a particular Module must be completed before you take the Test on that Module. Once you have taken a test on a module, we will not accept assignments for that Module. If you are not able to complete all the assignments on time, please contact Professor McLaughlin and make arrangements to take a make-up exam once you have completed all the assignments.
- **Late assignments will not be accepted.** To help accommodate this policy, you are allowed to miss a limited number of assignments without it affecting your final grade. Here's how the grading will work:
 - For **Minitabs**, we will grade the 10 highest-scored assignments out of 11.
 - For **Quizzes**, we will consider your top 4 quiz scores out of 6 quizzes.

– For **Lecture Worksheets**, we will grade 5 completed worksheets out of 7.

- It is your responsibility to check and confirm your grades in HuskyCT. Please let me know as soon as possible if there are any discrepancies so that I can correct them.

Tentative Schedule

All assignments are expected to be submitted by the due dates listed below, unless otherwise stated by your TA or instructor.

Minitab Chapters	Sections
Ch.1	Thursday 2/6
Ch.2	Thursday 2/13
Ch.3	Thursday 2/20
Ch.11	Sunday 2/27
Ch.4	Sunday 3/9
Ch.5	Sunday 3/30
Ch.6	Sunday 4/6
Ch.7	Sunday 4/13
Ch.8	Sunday 4/20
Ch.9	Sunday 4/27
Ch.10	Sunday 5/4

Discussion Worksheets	Sections
One-Variable Stats	Thursday 2/16
Linear and Quad Reg	Sunday 3/2
Probability	Sunday 3/16
Binomial Distribution	Sunday 3/30
Normal Distribution	Sunday 4/6
Sampling Distributions	Sunday 4/13
Confidence Intervals	Sunday 4/20
Hypothesis Tests	Sunday 4/27
Two-Sample CI and HT	Sunday 5/4

Quiz	Dates
1. Reading Graphs	Tues 2/11 – Mon 2/17
2. Empirical Rule	Tues 2/18 – Mon 2/24
3. Venn and Tree Diagrams	Mon 3/10 – Fri 3/14
4. Binomial Model	Mon 3/30 – Fri 4/4
5. Uniform and Normal Models	Mon 4/7 – Fri 4/11
6. Confidence Interval for the Population mean	Mon 4/21 – Fri 4/25