

## MATH 255: ELEMENTARY STATISTICAL METHODS Section W02

INSTRUCTOR: Clare Hemenway

CLASS TIME AND PLACE: MTWR 2:00 to 2:50, Room 233, COHORT ATTENDANCE

(see CANVAS Announcements for your cohort assignment)

NOTE 1: For purposes of contact tracing, you are not allowed to attend class on a day that your cohort does not meet.

NOTE 2: There will be assigned seating and you must sit in the same seat throughout the course

CONTACT INFO: [clare.hemenway@uwsp.edu](mailto:clare.hemenway@uwsp.edu)

Phone: 715 261-6253

VIRTUAL OFFICE HOURS: Friday 11:00 to 11:50, 1:00 to 1:50, or 2:00 to 2:50

<https://us.bbcollab.com/collab/ui/session/guest/43ab046a59424f7bbd70bd6547e9e308>

A suggestion would be to **bookmark this site.**

In this blackboard collaborative room, **we can share** a whiteboard, I can write on a regular whiteboard, or use a document camera, and we can do other things (note: I have not used this for my classes before so we can both learn together). If you ask, I am most happy to pop into this virtual room at other times (it would be like asking to come to my physical office at a specific time except it is now virtual). **This room can also be used by students for student-to-student meetings.**

TEXT AND CALCULATOR: *Elementary Statistics, A Step by Step Approach, A Brief Version, 6<sup>th</sup> Edition*, Paperback, by Bluman.

A calculator with two variable statistical functions is a must. Highly recommended calculators are either TI-30XIIS or TI-83 or 83 Plus or TI-84 or 84-Plus

MATERIAL COVERED: Chapters 1 through 3, some of Chapter 4, Chapters 5, 6 through 9, parts of Chapters 10, Chapter 11

Topics covered: Descriptive Statistics (both graphical and numerical), elementary probability concepts, random variables, Inferential Statistics (confidence intervals and hypothesis testing) for a single population mean and binomial parameter and for two population means and two binomial parameters, power of a test, linear regression, contingency tables and chi square tests, one-way ANOVA.

Written HOMEWORK is assigned, but it will not be collected. It is your responsibility to keep up with assignments and ask questions

TEST DATES to be announced soon

GRADING: 4 tests (25 % apiece)

A possible 12 points extra credit (added to a test score) may be obtained through just a couple of take home quizzes.

If you MUST miss a test, you MUST notify me ahead of time (unless it is an emergency) and if the excuse is deemed reasonable, you might be allowed to take the test at a different time. At most one test will be allowed to be taken at a different time.

#### GRADING RUBRIC

A average $\geq 92$	A- $90 \leq \text{average} < 92$	
B+ $88 \leq \text{average} < 90$	B $82 \leq \text{average} < 88$	B- $80 \leq \text{average} < 82$
C+ $78 \leq \text{average} < 80$	C $72 \leq \text{average} < 78$	C- $70 \leq \text{average} < 72$
D+ $67 \leq \text{average} < 70$	D $62 \leq \text{average} < 67$	
F average $< 62$		

#### COURSE OBJECTIVES:

- To become aware of both the prevalence and relevance of statistics in our everyday lives
- To become a more informed consumer of statistics in our everyday lives
- To learn how to describe, organize, and summarize data in meaningful ways
- To learn how to analyze data, make predictions, and interpret the results
- To have FUN (yes, fun) along with some inevitable FRUSTRATION in learning statistics

#### BRIEF DESCRIPTION OF HOW THIS COURSE WILL BE TAUGHT:

This course is taught in a hybrid format in cohorts. It is expected that **every** student will watch prerecorded lecture videos (available in CANVAS) each week and the in-person class time will be used for problem solving examples and questions from homework. I will be essentially repeating each in-person class lecture 4 times (as I am teaching 2 sections of STATS with 2 cohorts each); so I will record one of those class sessions and this will be available in ZOOM in case you must miss a class or are taking the class totally online. I will not allow you to remotely ZOOM into the in-person class during the class time.

There will be 3 or 4 extra credit quizzes taken at home and **it is required** that you upload them into the appropriate CANVAS assignment as a single pdf file. (You can take pictures with a smart phone and convert the pictures to a **single pdf file**. Do a search on how to convert photos to a single pdf for your model of phone. Alternatively, you can scan your work as a single pdf if your scanner allows it. The last test will be taken remotely and the completed exam must be uploaded to CANVAS as a **single pdf**.)

## TUTORING

### **For Students:**

The Tutoring-Learning Center (TLC) offers **FREE** drop-in and individual tutoring to support you in your math and science classes. The tutors are UWSP and UWSP at Wausau students who have done well in their classes and who are here to share their successful study habits and content knowledge to help others succeed. Discussing concepts and processes together clarifies and solidifies knowledge, and the tutors are eager to study with you. If you have questions about the schedules or would like to make an appointment, please contact the TLC via email ([tlctutor@uwsp.edu](mailto:tlctutor@uwsp.edu)) or phone (715-346-3568) for information.

### **Math and Science Tutoring – Fall 2020**

<b>What</b>	<b>Details</b>	<b>Schedule</b>	<b>Cost</b>
Drop-In Tutoring	Via Zoom	<a href="https://www.uwsp.edu/tlc/Pages/dropInTutoring.aspx">https://www.uwsp.edu/tlc/Pages/dropInTutoring.aspx</a>	Free
One-on-One Tutoring	By appointment, via GoBoard. Weekly attendance required.	Complete online request form here: <a href="https://www.uwsp.edu/tlc/Pages/request-math-science-tutoring.aspx">https://www.uwsp.edu/tlc/Pages/request-math-science-tutoring.aspx</a>	Free

## COVID PREVENTION

### Face Coverings:

- At all UW-Stevens Point campus locations, the wearing of face coverings is mandatory in all buildings, including classrooms, laboratories, studios, and other instructional spaces. Any student with a condition that impacts their use of a face covering should contact the [Disability and Assistive Technology Center](#) to discuss accommodations in classes. Please note that unless everyone is wearing a face covering, in-person classes cannot take place. This is university policy and not up to the discretion of individual instructors. Failure to adhere to this requirement could result in formal withdrawal from the course.

### Other Guidance:

- Please monitor your own health each day using [this screening tool](#). If you are not feeling well or believe you have been exposed to COVID-19, do not come to class; email your instructor and contact Student Health Service (715-346-4646).

- As with any type of absence, students are expected to communicate their need to be absent and complete the course requirements as outlined in the syllabus.
- Maintain a minimum of 6 feet of physical distance from others whenever possible.
- Do not congregate in groups before or after class; stagger your arrival and departure from the classroom, lab, or meeting room.
- Wash your hands or use appropriate hand sanitizer regularly and avoid touching your face.
- Please maintain these same healthy practices outside the classroom.