

MATH 355

Elementary Statistical Methods

Spring 2019
~~Fall 2018~~

Department of Mathematical Sciences

University of Wisconsin - Stevens Point

Instructor Tongtong Zhang

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Course time and place:

Section 8 (4 credits)

MTWR 17:00pm-17:50pm

A202

Office Hours

18:00pm - 18:50pm Tuesday

18:00pm - 18:50pm Wednesday

or by appointment (use your official name when email me. Write M355 section XX, Name:XX in the subject when you email me. If there's no section No. in email, I won't reply the email.)

Text

Introduction to the Practice of Statistics, 8th Ed. (2012) By David S. Moore and George P. McCabe
ISBN-13: 978-1-4641-5893-3

Textbook is requested to bring to class.

Web Page

D2L @ UWSP Brief lecture notes is available.

Course Goal

Most sections of Chapter in the text.

Course outcome

Students should learning and understanding basics and fundamentals of statistical analysis. Which including analyzing data graphically and analytically, hypotheses testing and confidence interval, experimental designs and linear regression.

Prerequisites

Math.100 or a suitable placement test

Basic Algebraic skills (Algebraic operations and its orders, Solving simple equations and proper notations). Performing algebraic operations using a calculator)

Calculator

A scientific calculator will be necessary in this course. You may use a graphing calculator such as TI-83 or TI-84 etc. All cell phones and other electronic devices except for dedicated calculators must be turned off and put away during the tests and exam.

Attendance

Attendance is required and will be taken. Students are expected to attend every single class, and read the textbook and come to class prepared. In case of absence, it is your responsibility to catch up the missed class. Attendance will not be counted toward the course grade. Remember attendance show your attitude towards to this class.

Homework

Homework will be given in each week. Homework will be not collected. You are encouraged to do and discuss with classmates as practice. Homework will not be

grading.

Test We will have three(3) tests (each 20%), one (1) final exam(30%).
You are allowed to take one sheet each test. Each test takes 50 minutes.

Take each test seriously!!! The dates will be announced a week before the test.

You may use ONE 3*5 note card for formulas on each test.

- May NOT share your cards with others.
- The use of formula sheet is optional. You will NOT be excused if you forget to bring your cards to the test or forget to write formulas you need.
- The instructor will collect formula card after test. Write your name on the card.

Graded test will be reviewed in class for 10-15 minutes.

- No phone during the review!!
- Do NOT take notes from the test.
- Do NOT write anything on the graded test.
- After the review, all tests must be returned to the instructor and it will remain with the instructor.
- You are allowed to see your test at any time during the semester but only in the instructor's office.

Make-Up There is NO MAKE-UP test unless it is noticed in advance or emergency. If there is an unavoidable reason to miss it, you **MUST** document your absence.

Final Exam The room and the time will be arranged by the end of the semester.
The final will be comprehensive.

Course Grade Tests and Final exam are weighed as follows:

***3 tests 60% (each 20%) ***

Final exam 30%

Class attendance 10%

homework 5%
5%

The instructor can adjust the final score based on the student's attitude.

No Attendance score if student absent more than 10 times with no reason.

Course letter grades will be assigned as follows

92.5% ≤ "A"
≤ 100%

86.5% ≤ "B+" <
89.4%

76.5% ≤ "C+" <
79.4%

64.5% ≤ "D+" <
69.5%

89.5% ≤ "A"
< 93%

82.5% ≤ "B"
< 86.4%

72.5% ≤ "C" <
76.5%

59.5% ≤ "D" <
64.4%

79.5% ≤ "B-" <
82.4%

69.5% ≤ "C-" <
72.4%

0% ≤ "F" < 59.4%

For Help - Ask questions at any time as they arise.
- See me before or after class

- Come to see me during the office hours
- Schedule an appointment for another time.

Tutoring services

- The *Tutoring and Learning Center* : <http://www.uwsp.edu/tlc/>
- The *MathRoom* (Sci. Bldg A113A).

Disabilities

If special accommodations are required for exams, you need to contact the Disability and Assistive Technology Center in room 609 of the Learning Resources Center (715-346-3365) email: disserv@uwsp.edu.

For more information, visit: <http://www.uwsp.edu/disability/Pages/default.aspx>

Rights and Responsibilities

- UW-Stevens Point values a safe, honest, respectful, and inviting learning environment. In order to ensure that each student has the opportunity to succeed, a set of expectations for all students and instructors have been developed. This set of expectations is known as the Rights and Responsibilities document, and it is intended to help establish a positive living and learning environment at UWSP. Check here for more information:
<http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>

Religious Beliefs

Students' sincerely held religious beliefs will be reasonably accommodated with respect to all examinations and other academic requirements. According to UWS 22.03, you must notify the instructor within the first three weeks of classes about specific dates which require accommodation.

****The instructor has the ultimate decision to interpret the syllabus.****

