

Course: Math 1040 – 200, Introduction to Statistics
Class meets MW, 2:30 – 3:50 am, 128 Washburn

Instructor: Janalee R. Jeffery
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(Before initiating your first Skype call, please contact me by phone or e-mail so I know your Skype name and to ensure I'm in my office.)

Office Hours: MWRF 12:30 – 1:00 pm, TR 2:30 – 3:30 pm, MW 4:00 – 5:00 pm

Text: *Essentials of Statistics*, 4th edition by Mario Triola.

Prerequisite: Passed Math 1010 with a C or better, **OR** Math ACT score of at least 23, **OR** qualifying Accuplacer score.

Student Learning Outcomes:

At the conclusion of the 1040 course, students will be able to:

- Understand the meaning of statistical measures (mean, median, proportion, standard deviation) and be able to calculate each of them for a given data set.
- Represent data in a number of different graphical and numerical forms.
- Take a given problem and, as appropriate, complete a hypothesis test or compute a confidence interval.
- Take the results from a hypothesis test or confidence interval and make a real world conclusion.

Important Dates to Remember:

Martin Luther King Day (No Classes)	1/20
Last day to Add/Drop	1/28
Presidents Day (No Classes)	2/17
Monday Schedule on Tuesday	2/18
Last Day to Add/Drop (\$25 Fee)	3/18
Spring Break (No Classes)	3/24 – 3/28
Last day of Class	4/28

Exam 1	2/3 – 2/5
Exam 2	3/3 – 3/5
Exam 3	4/2 – 4/5
Exam 4	4/16 – 4/19
FINAL EXAM	Tues Apr 29th , 2:30 – 4:30 pm

Course Grading:

Homework Assignments	20%
Class Activities	10%
Midterms (4)	40%
Group Project	10%
<u>Final Exam</u>	<u>20%</u>
Total:	100%

Grade Scale: Grades will be assigned based on the following grading scale:

100-93% A	86-83% B	76-73% C	66-63% D
92-90% A-	82-80% B-	72-70% C-	62-60% D-
89-87% B+	79-77% C+	69-67% D+	59 - 0% E

This means you are not competing with your classmates and you can tell how you are doing at any point during the semester.

Attendance: Regular class attendance is expected of every student. A failing grade of "UW" (Unofficial Withdrawal) may be submitted by the instructor if a student ceases to attend or complete assigned coursework. To avoid the punitive impact of a "UW," it is the student's responsibility to officially withdraw from a course by submitting a "Change of Program" form no later than the tenth week of the semester. See the current catalog for more details.

Calculators: Graphing Calculators are **required** for this course. I will be using a TI-84 in class. You may use any graphing calculator, but I may or may not be able to help you use your calculator. (Note: I will be more likely able to help if we discuss it in my office where I have access to the internet.)

Homework: You can learn mathematics only by doing mathematics. Homework will be submitted for each section. Each assignment is due at the **beginning** of the next class session. If you are not in class the day an assignment is due, you can send homework with a friend, you can scan it and email it to me (before class begins on the day it is due), or give it to me before the class period when it is due in order for it to be on time. **Homework will not be accepted late.** At the end of the semester, your three lowest homework scores will be used for extra credit.

Class Activities: We will occasionally have in class activities. These activities will be worked on in groups but submitted individually. Because of the nature of these assignments, **they cannot be made up.** Due dates for the activities will be announced in class. At the end of the semester, your two lowest activity scores will be dropped.

Class Tests: The four class midterms are scheduled as listed above. If any changes need to be made to this schedule, they will be announced in class a week prior to the test date. Tests will be given in the testing center so bring a valid photo ID and be sure you are aware of their hours (435-893-2239 or www.snow.edu/testing). **Exams may not be taken late.** Exams will be taken during the scheduled exam time. Exceptions may be granted only under extreme circumstances. These circumstances must be discussed with me **BEFORE** the exam is missed if at all possible. Only valid excuses will be accepted. Wanting more time to study, or going on vacation are not valid excuses.

Final Examination: This will be a comprehensive exam. It will take place in our classroom. You may use your calculator on the exam.

Expectations: Students are expected to

- Give this course their best effort
- Be on time to class with the appropriate materials
- Participate in whole class and group discussions
- Pay attention in class and take careful notes
- Ask questions when they don't understand the material being taught
- Complete all assignments on time
- Spend **at least** 2 hours outside of class studying for every hour spent in class
- Be respectful of other students and the instructor
- Seek help when it's needed

Academic Honesty: Academic dishonesty includes, but is not limited to, cheating on tests or other course work, collusion (this includes telling others about problems on an exam or quiz), falsifying, and plagiarism (this includes copying someone's homework and turning it in as your own). Evidence of, or strong suspicion of, academic dishonesty will result in a zero for the test/work and possibly a failing grade for the course. Suspension may also be pursued.

The Americans with Disabilities Act (ADA): Students with medical, psychological, learning, or other disabilities desiring accommodations, academic adjustments, or auxiliary aids should contact the Accessibility Resource Center. The Americans with Disabilities Act (ADA) Coordinator in the Student Success Center determines eligibility for and authorizes the provision of appropriate services and aids.

For assistance, please contact the Accessibility Services Coordinator:

Richfield Campus

Address: 800 W 200 S, Richfield, UT 84701

Phone: (435) 892-2205

Fax: (435) 893-2291

Email: cynthia.avery@snow.edu

Final Note: I reserve the right to make changes to the syllabus. Any changes will be announced in class. Students are responsible for such changes.