

INT 201: Statistical Methods I

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Text: *Statistics: Unlocking the Power of Data* 2nd Edition, by Lock, Lock, Lock, Lock, and Lock

Course Outline: We will cover Units A-C (Chapters 1-6), with additional material from Unit D as time permits.

Grading:	Quizzes	15%
	Test #1	20%
	Test #2	20%
	Writing Assignments	20%
	Final Exam	25%

Grading Scale:	A	93-100	C	73-76.99
	A-	90-92.99	C-	70-72.99
	B+	87-89.99	D+	67-69.99
	B	83-86.99	D	63-66.99
	B-	80-82.99	D-	60-62.99
	C+	77-79.99	F	59.99 & below

The schedule for tests is as follows:

Test #1	Tuesday, September 4, 1:15-3:00 p.m. (Computer Portion) Wednesday, September 5, 9-11 a.m. (Desk Portion)
Test #2	Wednesday, September 12, 9-11 a.m.
Final Exam	Wednesday, September 19, 8:00 a.m.-Noon

Material to be covered on each test will be announced in class. The final examination will be comprehensive.

Writing Assignments: There will two writing assignments in the course:

Writing Assignment #1: Due Friday, September 7 at 1 p.m.

Writing Assignment #2: Due Monday, September 17 at 1 p.m.

Each assignment is to be turned in as a hard copy. Each will ask you to analyze a data set using the Minitab software in the Stat Lab and the Applets provided by the authors of our text. There will be opportunities for you in class to practice with the software and to get used to writing about statistics.

If you require additional help on a writing assignment, both the Quantitative Reasoning Studio and the Writing are available. You can even schedule a joint appointment with both services.

A penalty of 5% per day will be assessed for late Writing Assignments.

Makeups: If you are unable to take a test at its scheduled time, notify me in advance and arrangements will be made to take the test at an earlier time.

If unforeseen problems prevent you from taking a test, notify me **as soon as possible** (preferably before the test) so that a makeup test can be scheduled for you.

Once a quiz has been graded and returned, **no makeup** will be allowed except in the case of a prolonged illness. Because of this, your lowest quiz grade will be dropped at the end of the term.

Attendance: Class begins at 9:00 a.m. each morning. Be on time and be ready to participate. Afternoon sessions will begin at 1:00 p.m. Any exceptions to these hours will be announced in class.

Attendance—including excused and unexcused absences--will be recorded daily. If you have an excused absence, be sure to bring it to my attention.

Quizzes: There will be a 50-50 chance of a quiz every day except the first day of class and test days. I will determine this by a flip of a coin on the evening before the quiz. Quizzes will be short (generally consisting of one or two questions taken from the Suggested HW Problems). The choice of the problem(s) will also be random. Unless otherwise announced, quizzes will be given in the last 15 minutes of the morning class session.

On days on which we do not have quizzes, Suggested HW problems will be collected and a grade of 0-10 points will be assigned, based on a spot check of randomly chosen problems from the Suggested HW set(s). Partial credit may be assigned based on whether you have made a reasonable effort to solve a problem¹. If you do not turn in your homework at the time it is called for, your assignment will be considered late and a two-point penalty will be assessed. HW turned in more than 24 hours late will receive a grade of zero.

Before your final class grade is determined, your lowest two HW/Quiz grades will be dropped.

Homework: Practicing problems is the best way to see if you have mastered new material. See the Suggested HW Sheet for a complete list of problems assigned. These problems will be discussed in class, and variations of these problems will almost certainly appear on tests.

For this class, you will be required on some days to turn in the homework problems you have attempted. It is recommended that you do your homework on loose leaf paper. If you do it in a notebook, you will be asked to tear the appropriate pages from your notebook to be turned in for checking.

Homework Feedback: You will be asked on a daily basis to indicate via Moodle which of these problems you would like to see done in class. If at least half the people responding to the Moodle survey request to see a problem, we will go over that problem.

Calculators: Calculators are allowed on tests and quizzes. However, almost all the computation we do in this class will require the software available on the workstations in the classroom.

¹ Problems that are left blank, or for which the answer is written down without any supporting work or explanation, do not count as “reasonable effort”.

15th Day Drops: These will be considered only for those students who:

1. Have no unexcused absences.
2. Have taken all tests and quizzes.
3. Have participated in class and made a determined effort to master the material presented.

Academic Honesty: Cornell College expects all members of the Cornell community to act with academic integrity. An important aspect of academic integrity is respecting the work of others. A student is expected to explicitly acknowledge ideas, claims, observations, or data of others, unless generally known. When a piece of work is submitted for credit, a student is asserting that the submission is her or his work unless there is a citation of a specific source. If there is no appropriate acknowledgement of sources, whether intended or not, this may constitute a violation of the College's requirement for honesty in academic work and may be treated as a case of academic dishonesty. The procedures regarding how the College deals with cases of academic dishonesty appear in The Catalogue, under the heading "Academic Honesty."

Disabilities: Cornell College makes reasonable accommodations for persons with disabilities. Students should notify the Coordinator of Academic Support and Advising and their course instructor of any disability related accommodations within the first three days of the term for which the accommodations are required, due to the fast pace of the block format. For more information on the documentation required to establish the need for accommodations and the process of requesting the accommodations, see www.cornellcollege.edu/academic-support-and-advising/disabilities/index.shtml. If you have concerns about any condition (documented or not) you think will hamper your ability to succeed in this course, you should notify me within the first three days of class.

If you have questions about documentation, you can obtain more information at <https://www.cornellcollege.edu/academic-support-and-advising/> or from Brooke Paulsen (309 Cole Library).