

Introduction to Statistics - Math 105
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Resources: Here is the URL to use to get to the material: <https://tinyurl.com/Math105Colgate>
 In this Google drive, you will find guided lecture notes, Google Sheets pages that I use in class, and additional practice problems (with solutions).

WebAssign: We will be using the online homework tool WebAssign (www.webassign.net). To Login to WebAssign follow the following steps.

1. Connect to <http://www.webassign.net> and click **I have a class key**.
2. Enter: `colgate 5770 6727`
3. Create a WebAssign account if necessary and login to your WebAssign account
4. Pay for WebAssign. The cost is around \$30.

Office Hours: These will be Tuesdays and Thursdays, 9:30am to 10:30am. To request office hours:

1. Go to my appointments page <https://tinyurl.com/Math1050H> (those are letters at the end)
2. Select an available 15-minute slot (grey blocks labeled 105OH)
3. In the WHAT field (first field) put your first **and** last names (delete the pre-filled message)

Your appointment will appear on your Google calendar and/or you will get a calendar invite in your email. If you find that you cannot make a scheduled appointment, go to your Google calendar and change Yes to No or delete the event from your calendar (and The Google will find me and notify me).

If your schedule does not allow you to make any of the scheduled office hour times, please email me to set up an appointment.

Computer: We will be using Google's spreadsheet program Sheets so that your computer's operating system is irrelevant. You will also need a computer to do the homework.

Assignments: The assignments are on the WebAssign webpage. The WebAssign system grades (and records) your homework, as well as lets you know whether you got a specific question correct or not. You have **3** chances for all **fill-in problems** (but only 1 or 2 chances for multiple-choice type questions) to submit each question so that you can correct any error (and learn the material).

Homework assignments are due the same day as the exam over which they cover. Hence, there is plenty of time to complete them. For that reason, late work is not accepted (except for a long absence as documented by your administrative dean).

Below are suggested due dates for the homework so that you stay on top of the material. You **should not wait until right before the exam** to do the homework; the official due dates are as they are to allow you flexibility (not procrastination). The homework will also prepare you for any pop quiz.

Date	Homework/Exam	Date	Homework/Exam
JAN 26 (F)	HW 1.1	MAR 11-15	NO CLASS (Spr. Brk)
JAN 29 (M)	HW 1.2	MAR 25 (M)	HW 5.1
FEB 2 (F)	HW 2.1	MAR 29 (F)	HW 5.2
FEB 7 (W)	HW 2.2	APR 1 (M)	Spreadsheet 3
FEB 9 (F)	Spreadsheet 1	APR 3 (W)	HW 6.1
FEB 12 (M)	EXAM 1 (Units 1, 2)	APR 8 (M)	HW 6.2
FEB 21 (W)	HW 3.1	APR 10 (W)	EXAM 3 (Units 5 and 6)
FEB 26 (M)	HW 3.2	APR 19 (F)	HW 7.1
FEB 28 (W)	Spreadsheet 2	APR 26 (F)	HW 7.2
MAR 4 (M)	HW 4.1	MAY 1 (W)	EXAM 4 (Unit 7)
MAR 6 (W)	HW 4.2		
MAR 8 (F)	EXAM 2 (Units 3, 4)	MAY 10 (F)	FINAL EXAM (Noon to 2pm)

Testing: There will be four exams and a cumulative final. The exams will be held during our regularly scheduled class time. The dates are included in the table above for suggested homework due dates. The exams consist of computational and theoretical questions related to the material covered (including Google Sheets). The exams are strictly timed (50 minutes during regularly scheduled class time) Time will be a factor used to gauge the degree of mastery of material. **If you are allowed extra time for test-taking, email me in the first few weeks to get things set up.**

You may create and use a one page “cheat” sheet ($8\frac{1}{2}$ ” \times 11” in size, one side only) to use during each exam. You will be provided with formulas so these need not be on your sheet. The sheet must be turned in with your exam.

Each of Exams 1–4 consists of 10 questions. Five of the questions will be *basic*, three will be of *medium* difficulty, and two will be *demanding*. As a reference, the homework consists of both basic and medium difficulty questions. The practice exams will contain all three levels. Questions on the exams at the basic level may be over any material covered from the start of the class to the exam date. Each question will be graded out of 2 points according to the following standard:

Points Given	Description/Reason
0	No answer; wrong approach; factually incorrect statements
1	Correct answer but no explanation (if warranted); correct approach but errors beyond arithmetic; incomplete answer
2	Correct answer; correct approach and only <i>arithmetic</i> errors, which if corrected would give correct answer

The **cumulative** final exam is 25 multiple choice questions at the basic level.

Pop Quizzes: To help you stay on top of the material, there will be 7 pop quizzes, one for each unit. Each quiz consists of a basic question or two over the material covered in the unit to that point. The quizzes are short (about 5-10 minutes). I will set aside class time after a lecture to do the quiz. **There are absolutely no make-up quizzes, but I will drop your lowest quiz grade.**

Accommodations: If you are afforded accommodations for test-taking, email me in the first few weeks to get things set up. I will be using Colgate’s testing center and its associated Accommodate scheduling software. For quizzes done in class, I will allow enough time to accommodate extra time.

Course Grading: Your grade is based on the following categories: Homework (15%), quizzes (10%), Exams (60%), and Final Exam (15%). For your grade on the Exams (1 through 4), I use the following method: your lowest score is worth 1/2 of what each of the other scores are. This is so that if you score poorly on one exam, you can show me that it is not indicative of your overall performance. I do this since **I do not give any individual extra credit assignments**. Note that WebAssign does not allow me to enter this formula, so what WebAssign shows as your exam average is not what your grade on the Exams will be. I will enter your grade on the Exams after the fourth exam.

My course grading scale is as follows:

Average	≥ 95	90-95	$86\frac{2}{3}$ -90	$83\frac{1}{3}$ - $86\frac{2}{3}$	80- $83\frac{1}{3}$	$76\frac{2}{3}$ -80	$73\frac{1}{3}$ - $76\frac{2}{3}$	70- $73\frac{1}{3}$	60-70	< 60
Grade	A	A-	B+	B	B-	C+	C	C-	D	F