In this course we will analyze and summarize data to help you understand statistical statements that are made in the news, by your friends, etc. The course will require calculation and hence a scientific – but not graphing – calculator is required (these range from $10 to $20 on amazon.com). I will expect that you have one to use in class as well as during exams. We will also be using www.polleverywhere.com (hopefully), which is based on text-messaging, so please bring your phone to class (betcha thought you’d never hear that one).

Office Hours: TR 9am to 11am and by appointment.

WebAssign: We will be using the online web-tool WebAssign (www.webassign.net). I have put my course notes under the Class Resources tab; this will serve as your textbook.

To Login to WebAssign:
1. Connect to http://www.webassign.net and click I have a class key.
2. Enter colgate 0149 5658
3. Verify that the course is Introduction to Statistics with Aaron Robertson
4. If you do not have a WebAssign account you will need to create one; otherwise, login to your WebAssign account
5. You should then pay for WebAssign. You can use Visa, MasterCard, American Express, Discover Card, or pay with a check or PayPal. It is $22.95.

The Computer: We will be using the spreadsheet program Excel, which is on all computers at Colgate. For tutorials on Excel, you can use Lynda, which is available through the Colgate portal. I will also be explaining how we will be using it before you need it for homework. You will also need a computer, tablet (or certain smart phones) to take in-class tests. Make sure – beforehand – that they work with WebAssign. Please make arrangements (or see me) to have one available on the test dates below.

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 most (but not all) problems) to submit each homework assignment so that you can correct your error(s) (if any) that occurred on the first two submissions.

Testing: There will be three midterms and a cumulative final. The midterms will be held during class times (10:20am to 11:10am) on the following days

| Midterm 1 | MONDAY | SEPT. 28, over Units 1, 2, and 3 | 300 Olin |
| Midterm 2 | MONDAY | OCT. 26, over Units 4 and 5 | 300 Olin |
| Midterm 3 | WEDNESDAY | NOV. 18, over Units 6 and 7 | 300 Olin |
| Final Exam | TUESDAY @ 9:00am – 11:00am | Dec. 15, over everything | 300 Olin |

The exams will consist of computational and theoretical questions related to the material covered (including Excel). The exams will be timed and consist entirely of multiple choice questions. Time will be a factor used to gauge the degree of mastery of material. For every exam, you will need a device with access to the internet that works with WebAssign to enter your answers. Please see me if this is an issue. The exams are strictly timed (by WebAssign). If you are allowed extra time for test taking, please see me in the first few weeks to get things set up.

Grading: The grading scale is a straight scale (i.e., 90-100 are As, 80-89 are Bs, etc) broken down as follows: Assignments and pop quizzes (15%), Midterms (20% each), and Final Exam (25%). The average GPA in my sections of statistics in recent years has been about 3.0.
**SOME IMPORTANT DATES**

**August**
- 27 (R): First class
- 28 (F): No class (this Friday follows a Tuesday schedule)

**September**
- 7 (M): Last day of drop/add
- 21 (M): Q&A review (bring any HW questions)
- 25 (F): Practice test
- 28 (M): Midterm 1

**October**
- 11 (M): No class (Fall Break)
- 23 (F): Q&A review (bring HW questions)
- 26 (M): Midterm 2
- 28 (W): Last day to withdraw
- 30 (F): Family weekend

**November**
- 16 (M): Q&A review (bring HW questions)
- 18 (W): Midterm 3
- 23 – 27: No classes (Thanksgiving Break)
- 30 (M): Case Study 1

**December**
- 2 (W): Case Study 2
- 4 (F): Case Study 3
- 7 (M): Case Study 4
- 9 (W): Practice Final, Part 1
- 11 (F): Practice Final, Part 2
- 15 (W): Final Exam at 9am

**ONLINE HOMEWORK DUE DATES**

The homework due dates below are also on the WebAssign site, but are included here for quick reference. The homework is due by the start of class on the day listed.

**August**
- 31 (M): Intro to WebAssign HW

**September**
- 2 (W): HW 1.1
- 4 (F): HW 1.2
- 9 (W): HW 2.1
- 16 (W): HW 3.1
- 18 (F): EXCEL 1
- 21 (M): HW 3.2
- 23 (W): EXCEL 2

**October**
- 5 (M): HW 4.1
- 9 (F): HW 4.2
- 19 (M): HW 5.1
- 21 (W): EXCEL 3
- 23 (F): HW 5.2

**November**
- 4 (W): HW 6.1
- 9 (M): HW 7.1
- 13 (F): EXCEL 4
- 16 (M): HW 7.2
- 30 (M): Case Study 1 reading

**December**
- 2 (W): Case Study 2 reading
- 4 (F): Case Study 3 reading
- 7 (M): Case Study 4 reading