

Fall 2015 Statistics Course Syllabus

Course Description: Data collection and tabulation, measures of central tendency, correlation, linear regression, statistical distributions, probability, and hypothesis testing with applications in various fields. Lab required and is part of the 3 hour class.

Course Credit Hours: Lecture Hours: 3 Lab Hours: 1

Prerequisite: TSI placement.

College Repeat Policy: A student may repeat this course only once after receiving a grade, including "W". The last day to drop this course without receiving a grade is **Sept 6**.

State Withdrawal Policy: Beginning with the Fall 2007 semester, new first time students may not withdraw from more than six courses. Under section 51.907 of the Texas Education Code, "an institute of higher education may not permit a student to withdraw from more than six courses, including any course a transfer student has withdrawn from at another institute of higher education."

Any course that a student withdraws from is counted toward the six course limit if:

1. Individual course withdrawal is done after the census date and,
2. The student's transcript indicated or will indicate that the student enrolled in the course.
3. The student is not withdrawing from the course in order to withdraw from the institution
4. Courses dropped at another Texas public institution of higher education, unless it qualifies as an exception.

Some exemptions for good cause could allow a student to withdraw from a course that does not count toward this limit, but it is the student's responsibility to establish good cause.

Any Collin student affected by this statute who plans to attend another public institution of higher education should become familiar with that institution's policies.

Policies and procedures are the implementation for this new law are being developed and will be published as soon as they are available.

Please contact the Academic Advising Office or Admissions and Records Office before you withdraw from a course.

Course: Math 1342.WS1
Instructor: Denise Brown
Email: dbrown@collin.edu
Phone: 972-881-5886 (office)
**Office Hours: J106
Spring Creek Campus** M-R 11:30am-1:00pm
Other times by appointment.

Course Information:

The on campus Math 1342 classes meet for 3 hours a week. One can expect to spend at least twice amount of time working problems outside of class as spent attending class. That equates to a minimum of 9 hours a week. **This course is not self paced.** The course calendar, a separate document, lists what you are to complete on a weekly basis. You can certainly work ahead, but due dates are strictly enforced.

All email must be through Cougarmail. All Collin students are given a Cougarmail address upon registration. Please include the class and section in the subject line of any emails.

I will be online M-R from 11:30am-1:00pm. Emails, Discussion Board posts, and phone calls will be answered during the above times. You can email me any time Outside of office hours or teaching times, my cell phone chimes when I receive an email. I will usually respond quickly before 11 pm. In case I am busy answering other emails, grading, etc, you can expect a 24 hour turn around for answering emails. **I receive a lot of emails daily and I teach several different online and lecture classes. To make sure that I read and answer your emails promptly, please include Math 1342.WS1 in the subject line of any emails.**

SYSTEM REQUIREMENTS

Operating Systems and Browsers

You can use most MyLab & Mastering courses with the following operating system and browser configurations. Some courses may have different or additional requirements. For specific System Requirements for your course, go to your product's Support page from the [Educator Support](#) and [Student Support](#) pages of this site.

Operating System	Version	Browser
Microsoft Windows	Windows 8 and 7	<ul style="list-style-type: none">• Chrome• Firefox• Internet Explorer 10 and 9
Mac OS	10.8 (Mountain Lion)	<ul style="list-style-type: none">• Chrome• Safari• Firefox
	10.7 (Lion)	<ul style="list-style-type: none">• Chrome• Firefox
	10.6 (Snow Leopard)	Safari 5

COURSE MATERIALS .

Textbook: Statistics – Informed Decisions Using Data, Sullivan, Michael III, 4th Edition, Pearson Education, 2013. Note, the MyStatLab program is required for this web course. Once you have registered for MyStatLab , the textbook is fully available as an e-book. Course ID brown89607

If you do not want a textbook and just want the ebook, you can purchase access to MyStatLab from the Pearson and MyLabMastering website for \$95.20 or in the Collin bookstore for \$115.35 The text with MSL is \$141.35 If you find a used book you still need a MSL access code which is still \$115.35. Access codes are good for one year. Instructions for registering on MyMathLab is on the Course Orientation. A TI 83/84 Plus calculator is required.. Instructions for using the TI 83/84 is included in the online text (e-book). You can get temporary access to MSL for 14 days before entering your access code from purchasing the text package in the bookstore, or a MSL code from Pearson.

Student Learning Outcomes:

1. Explain the use of data collection and statistics as tools to reach reasonable conclusions.
2. Recognize, examine and interpret the basic principles of describing and presenting data.
3. Compute and interpret empirical and theoretical probabilities using the rules of probabilities and combinatorics.
4. Explain the role of probability in statistics.
5. Examine, analyze and compare various sampling distributions for both discrete and continuous random variables.
6. Describe and compute confidence intervals.
7. Solve linear regression and correlation problems.
8. Perform hypothesis testing using statistical methods.

Course Requirements:

Read and watch videos on required sections in the e-book

Complete the practice exercises, quizzes, practice exams, exams, and labs on MyStatLab.

Note: Exams are taken online, but they must be proctored. Exams may be taken at and of Collin 's testing centers, other approved sites at your cost, or online at Remote Proctor Now for \$15 per exam for exams 1-4, and up to \$25 for the final on Proctor U.

Method of Evaluation:

The course is divided into 4 units; each unit is equivalent to several chapters. Each chapter is divided into sections, and each section includes several examples. Each section is followed by an online practice exercise set called Practice Exercises. You will be graded on:

- 4 unit exams (100 points each for a total of 400 points), completed online but must be proctored. You may use any of the Collin Testing Centers, an approved site, or Remote Proctor Now.
- Completion of the practice exercises for each unit (15 points each for a total of 60 points)
- Completion of 10 weekly quizzes on MSL (average of the best 8 worth 100 points)
- Completion of 4 labs worth 25 points each (100 points) completed on MSL.
- A comprehensive Final Exam (150 points), Completed online, but proctored.
- If the percentage score on your final exam is more than any of your exam 1-4 grades, I will replace the lowest exam grade with the final exam percentage. i.e., suppose you made 125 on the final ($125/150 * 100 = 83\%$). If any of exams 1-4 is lower than an 83 I will replace the lowest exam grade with the 83. Grades will be determined by totaling the points earned in the above 4 categories and using the scale below.

POINTS	GRADE
729-810	A
648-728	B
567-647	C
486-566	D
Below 486	F

The course orientation outlines how to navigate the MSL site and what steps you will need to follow to complete the above assignments.

The Course Calendar references how the chapters/sections/objectives are grouped together to form Units, and due dates for practice exercises, quizzes, exams, and labs.

Attendance Policy:

It is very important that you stay on schedule. The Course Calendar is dated. You may get ahead of the calendar, but not behind. You must complete the Study Plan exercises, take quizzes, and exams, and complete labs by the due date or contact me on or before the due date with a REALLY good reason if you require an extension. If you do fall behind and feel that you cannot keep up the last day to withdraw is **Friday October 14**. Withdrawing from a class is a procedure that you yourself must implement. I cannot do it for you. Students who fall behind and do not drop by the drop will receive a performance grade, which is usually an F.

You have to following choices to drop the course:

- **in person:** Visit any of the at any campus. Go to <http://www.collin.edu/register.html> for addresses. Students will fill out a withdrawal ticket and have it processed at the admissions counter.
- by **mail:** The withdrawal request should include: **student's name, CWID number, phone number, class/classes about to withdraw**, and **reason** for withdrawal. **Student's signature is required** on mailed requests. For **mailed** withdrawals, the postmark date is the official drop/withdrawal date. Go to <http://www.ccccd.edu/register.html> for mailing addresses.

Note: Students **cannot drop or withdraw** by **phone** or **online (Cougar Web)** after classes have started.

Remember that this course can be repeated only once after receiving a grade, including a W. The last day to drop without receiving a grade is

September 6.

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Religious Holy Days: please refer to the current *Collin Student Handbook*

http://www.ccccd.edu/frameset.asp?link=http://www.ccccd.edu/studentservices/pdf/StudentHandbook/0708Student_Hndbk.pdf

ADA Statement: It is the policy of Collin County Community College to provide reasonable accommodations for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student’s responsibility

to contact the ACCESS office, SCC-G200 or 972.881.5898 (V/TTD: 972.881.5950) in a timely manner to arrange for appropriate accommodations.

Academic Ethics: The College District may initiate disciplinary proceedings against a student accused of scholastic dishonesty. Scholastic dishonesty includes, but is not limited to, statements, acts, or omissions related to applications for enrollment or the award of a degree, and/or the submission as one's own work material that is not one's own. Scholastic dishonesty may involve, but is not limited to, one or more of the following acts: cheating, plagiarism, collusion, use of annotated texts or teacher's editions, and/or falsifying academic records.

Plagiarism is the use of an author's words or ideas as if they were one's own without giving credit to the source, including, but not limited to, failure to acknowledge a direct quotation.

Cheating is the willful giving or receiving of information in an unauthorized manner during an examination, illicitly obtaining examination questions in advance, copying computer or Internet files, using someone else's work for the assignments as if it were one's own, or any other dishonest means of attempting to fulfill the requirements of a course.

Collusion is intentionally aiding or attempting to aid another in an act of scholastic dishonesty, including but not limited to, providing a paper or project to another student; providing an inappropriate level of assistance; communicating answers to a classmate during an examination; removing tests or answer sheets from a test site, and allowing a classmate to copy answers.