

Syllabus

Statistics

Associate Professor Decker

Math 167- Principles of Statistics Fall 2010

3 Credit Hours course number 30475

class meets Friday 8-10:45 in Thames D219

June Decker's Office: C124

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Office hours: Monday 12-1 , Wed 9-10 and 12-1,

Class website available on <http://my.commnet.edu> . Click on ' VISTA BLACKBOARD '

Tutor Center (TASC) services are free to TRCC students. TASC is next to the library on the first floor of C-wing. You can access TASC's chat and discussion (you can type them a question) by going to the "course" TASC which is listed at the bottom of your course list on VISTA BLACKBOARD.

Course Description **PRINCIPLES OF STATISTICS**

Prerequisite: MAT K137 or acceptable placement score.*

This course introduces the basic concepts of statistics as they apply primarily to business, the technologies, and the social sciences. The topics include methods of summarizing data, measures of central tendency and dispersion, correlation and linear regression, basic probability, binomial and normal distributions, hypothesis testing for one and two populations, confidence intervals, and distributions. This course is equivalent to MAT* K163 Statistics I.

Required Materials

Textbook: Elementary Statistics 11th edition, by Mario F. Triola published by Addison-Wesley. You may purchase a hard copy of the book or you can use the electronic PDF copy of the text that comes with MyMathLab

MyMathLab (Course Compass) student access code which is packaged with the text at the book store. The Access code may also be purchased online with a credit card for about \$65 when you register for MyMathLab. Use our course code `decker19224` when you register for MyMathLab

Graphing Calculator (recommend a TI- 83, 84 or 89 or TIinspire) or other graphing and statistics utility such as virtual calculator on your Computer, Stat Disk software which is packaged with the text, or Excel.

Useful Internet addresses

<http://my.commnnet.edu> for your final grade and for Vista Blackboard which serves as our course website for information/communication, handouts, notice of class cancelations....

<http://www.trcc.commnnet.edu> Three Rivers Community College website

www.coursecompass.com Mymathlab for homework, text book, video lectures, powerpoints, etc. When you first register for Mymathlab/Coursecompass, you need my coursecode **decker 19224** and the college zip code 06360.

http://media.pearsoncmg.com/aw/aw_triola_elemstats_11/statdisk/Windows.zip for a free download of STAT DISK

Grades

Final grades for the course are available to students after Dec 26, 2010 (some sooner) on <http://my.commnnet.edu> (this is called "banner"). Determination of your grade will be based on the following:

Tests. There will be 2 tests worth 100 points each and a comprehensive final exam. The final will focus on the material in the last part of the course. The mandatory final exam is worth 200 points. At the end of the semester, you may retake the test on which you earned the lowest grade (including a test you may have missed). There will be no make up tests during the semester. If you miss two tests, you may make up one, but the other will be a zero. Scoring 50% or better on the final exam is necessary but not sufficient to pass the course.

Project 100 points

Homework 50 points

Quizzes 50 points

You have the opportunity to earn 600 points this semester. **Your final grade will be determined by adding the two tests, the quiz average, homework average, the project grade and the final exam, and dividing the sum by 6.**

Grade Equivalents

A	93-100
A-	90-92
B+	87-89
B	83-86

B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
D-	60-62
F	0-59

Withdrawal Policy A “drop or withdrawal” from the course will be accepted through till Dec 9th in accordance with the designated withdrawal deadlines. Students need to fill out the special withdrawal form available at the registrar’s office. **The Instructor does not need to sign the withdrawal form.** Withdrawals are processed only through the Registrar’s Office at (860) 892-5756 or the Subase at (860) 445-5575. Students who do not withdraw, but stop attending will be assigned an "F". **If you cannot attend class for a period of time, please contact me so we can try to make arrangements for you to possibly finish the course.**

Disabilities Statement If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact the disabilities Counseling Services at 383-3240. To avoid any delay in the receipt of accommodations, you should contact the counselor as soon as possible. Please note that I cannot provide accommodations based upon disability until I have received a letter from the disabilities counselor.

Emergency closings are posted on the college website: www.trcc.commnet.edu, and recorded on the college phone 860-886-0177, and broadcast on TV or radio. You can also sign up for at texted message from our college website. I will hold class when the college is open. However, I realize that different snow conditions exist in different towns, so you must make your own decision if it is safe to travel or not. For cancellation due to storms or illness, I will post a class cancellation notice on VistaBlackboard, so be sure to check Vista to see if classes or office hours are cancelled.

Academic Integrity: You are expected to do your own work on exams and quizzes, without any written notes or texts. You may receive help and work collaboratively on homework and other grading opportunities provided you understand the work you submit in the end. I will enforce college policies on academic dishonesty.

CLASS MEETINGS STATISTICS MAT 167 FALL 2010 crn#30475 PROFESSOR JUNE DECKER

Date	Topic covered in class	Grade Received on HW or test or quiz	
August 27, 2010	Ch 1 Introduction to Statistics Ch 2 Summarizing and Graphing Data		
Sept 3	Ch 3 Statistics for describing Exploring and Comparing Data		
Sept 10	Ch 10 Sections 10.1- 10.3 Correlation and Regression Submit one paragraph on a project idea. You may want to submit a few ideas.		
Sept 17	Test Ch 1, 2, 3, 10.1-10.3 Ch 4 Probability sections 4.1-4.2		
Sept 24	Ch 4 Probability continued. Sections 4.3-4.6		
Oct 1	Ch 5 Discrete Probability Distributions. Sections 5.1-5.4		
Oct 8	Ch 6 Normal Probability Distributions sections 6.1-6.4		
Oct 15	Ch 6 continued Sections 6.4-6.7		
Oct 22	Test Ch 4, 5, 6 Ch 7 Estimates and Sample Sizes sections 7.1-7.2		
Oct 29	Ch 7 continued. Sections 7.3—7.5 Hand in project data, graphs, statement of problem, summary stats.		
Nov 5	Ch 8 Hypothesis Testing , sections 8.1-8.3		
Nov 12	Ch 8 Continued, sections 8.4-8.6		
Nov 19	Ch 9 Inferences from two samples, sections 9.1-9.4		
Nov 26	THANKSGIVING	HAPPY HOLIDAY	
Dec 3	Final Exam Last minute questions about projects		
Dec 10	Project Presentations, Exam returned		