Syllabus   Math 167   Principles of Statistics   CRN 11033

Three Rivers Community College, Norwich, Connecticut 06360
Friday 9-10:30 room 304 and 10:30 – 12:00 room 310
Mohegan Campus

Assistant Professor **June Decker**
Office: Room 9, Annex Building, Mohegan Campus
Office Hours: Mohegan library, Friday noon-1:00;
                      Thames library, Tuesday 9:30-10:20 and Wednesday 4:30-5:20
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Course Description **MAT* K167**
3 CREDIT HOURS
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.

Rationale:
Emphasize statistical literacy and develop statistical thinking
Emphasize conceptual understanding rather than mere knowledge of arithmetic procedures
Use technology for developing conceptual understanding and analyzing data
Foster growth in critical thinking, technology usage, written and oral communication, working cooperatively in groups
MAKE CONNECTIONS by using real data

Required Materials
TEXT: Mario Triola's *Elementary Statistics*, 10th edition bundled with MyStatsLab and a CD containing Stat Disk computer software and data sets. Companion website for the text, including the stat disk downloads
http://wps.aw.com/aw_triola_stats_series

Graphing calculator such as the TI-84 or 83 or 89 is highly recommended

The course code for MyStatLab is decker28556
The student help number from the publisher Pearson is 1-800-677-6337
VistaWebCT and other computer help is available from Amanda MacTaggart at 885-2313 or amactaggart@trcc.commnet.edu

Grading Policy

A student will receive one of the following grades: A, A-, B+, B, B-. C+, C, C-, D+, D, D-, F, W, I, P, or Audit. Determination of your grade will be based on the following:

1.	Tests. There will be three tests:	300 points total (100 points each)
2.	A comprehensive final exam:	200 points
3.	A group project or individual project:	100 points
4.	Homework and quizzes on MyStatLab:	75 points
5.	Attendance, discussions posted on Vista WebCT, class participation…25 points

To determine your grade, find what percent of the total points you have earned by adding the total number of points you earned, divide the sum by 700 possible points, then multiply by 100.

Make up tests will be allowed at my discretion.

Grade Equivalents

A	93 - 100	C+	77 –79	D-	60 - 62
A-	90 - 92	C	73 – 76	F	0 – 59
B+	87 - 89	C-	70 - 72		
B	83 – 86	D+	67 – 69		
B-	80-82	D	63 – 66		

Withdrawal Policy: A drop or withdrawal form is accepted through the 10th week of classes in accordance with the designated withdrawal deadlines. Last day to withdraw is April 23.   Only the registrar's office (892-5756) can process withdrawal.

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 an accommodation letter from the disabilities counselor.

Class Cancellations: Please observe the college's usual method of informing us of class cancellations due to inclement weather.   I find the college website www.trcc.commnet.edu to be reliable. In addition, I will make every reasonable effort to post any cancellations of classes and office hours on VistaWebCT as far in advance as possible.