

MAT167- Principles of Statistics
Fall 2019
CRN#32033, Sect. T3
Tues./Thurs.: 11:00 – 12:15 PM, Room D226

Instructor: Kathy Hemenway

Course Description: A practical introduction to collecting, presenting, and making inferences from data, including critically examining data sources and collection methods. The course focuses on populations whose data sets consist of one or two numerical variables. Some basic probability theory will also be studied.

Instructor: Kathy Hemenway

Email: khemenway@trcc.commnet.edu

Communication: Will occur verbally, by email, and by Blackboard.
Please make sure that your email address in MyCommNet is accurate.
Check Blackboard and email regularly to be informed of any schedule changes.

Course Information: Three credit hours
Tuesday/Thursday
11:00 – 12:15 PM Room D226

Office Hours: TBD (Usually an hour before/after class)

Calculator (recommended): TI 83/84 (regular or Plus versions)

Software: Access to Microsoft Office specifically Word and Excel

Textbook (print/electronic): Mario Triola, *Elementary Statistics, 13th Edition*, ISBN # 978-0-13-446245-5

Support: Tutoring and Academic Success Center (TASC), rm. C113.
Most important: Meet with me for extra help!

Grading:

Tests (4)	60%
Homework/Assignments/Attendance	15%
Project(s)	15%
Labs	10%

Attendance: It is very important that you attend ALL classes. Your attendance in the classroom, participation in classroom work /projects and preparation for each class is required and is essential to your success in the course.
You are responsible for all material covered in class or given for homework, independently of your attendance of a class. No late work is accepted.
Attendance is essential and will be recorded!

There will be NO make-ups on missed tests, or the exam unless you can provide necessary documentation (MD note, etc.).

Class Cancellation: In case of inclement weather, check the college website for class cancellations, or call 860-215- 9000 for recorded message on the college phone.
I will also send out an email announcing the closure, usually with an assignment attached so be sure to check.

Acceptance Policy: After reading this syllabus, choosing to stay registered for this course indicates your acceptance of the syllabus and all policies and consequences outlined in the syllabus.
If you do not agree with any of the terms in the syllabus, you are free to withdraw.

Disclaimer: The instructor has the right to change/modify this syllabus at any time with proper notification to the class.

Course Objectives and Outcomes: At the completion of MAT 167, the student will be able to:

- Construct and interpret histograms, stem leaf plots, and frequency tables for sets of data.
- Find mean, median, mode, range, standard deviation, percentiles, and quartiles.
- Calculate linear correlation coefficient; find equation of regression line and use equation to predict values.
- Apply the basic rules of addition, multiplication, and counting. Find conditional probability.
- Construct contingency tables and use them to find probabilities.
- Know when to use the binomial distribution, standard normal distribution, or a normal distribution as an approximation to a binomial distribution.
- Know when to apply the Central Limit Theorem.
- Determine confidence intervals for means and proportions and find sample sizes necessary for statistical analysis.
- Perform appropriate hypothesis tests.

Statement of Policy for Public Act No. 14-11: An Act Concerning Sexual Assault, Stalking and Intimate Partner Violence on Campus:

“The Board of Regents for Higher Education (BOR) in conjunction with the Connecticut State Colleges and Universities (CSCU) is committed to insuring that each member of every BOR governed college and university community has the opportunity to participate fully in the process of education free from acts of sexual misconduct, intimate partner violence and stalking. It is the intent of the BOR and each of its colleges or universities to provide safety, privacy and support to victims of sexual misconduct and intimate partner violence.”

ACCOMMODATIONS: Students with learning disabilities should contact the Learning Specialist, Matt Liscum, at 860-215-9265 or via email at mliscum@trcc.commnet.edu as soon as possible to ensure timely accommodations. Students with physical disabilities should contact Elizabeth Willcox at 860-215-9289 or via email at ewillcox@trcc.commnet.edu to facilitate accommodations. All testing accommodations MUST be discussed with the instructor in a timely manner, that is, *at least* one to two class meetings prior to any scheduled test for which accommodations are needed.

UNITED STATES DEPARTMENT OF EDUCATION AND OFFICE OF CIVIL RIGHTS TITLE IX STATEMENT OF POLICY:

“Title IX of the Education Amendments of 1972 (Title IX) prohibits discrimination based on sex in education programs and activities in federally funded schools at all levels. If any part of a school district or college receives any Federal funds for any purpose, all of the operations of the district or college are covered by Title IX.

Title IX protects students, employees, applicants for admission and employment, and other persons from all forms of sex discrimination, including discrimination based on gender identity or failure to conform to stereotypical notions of masculinity or femininity. All students (as well as other persons) at recipient institutions are protected by Title IX – regardless of their sex, sexual orientation, gender identity, part-or full-time status, disability, race, or national origin---in all aspects of a recipient’s educational programs and activities.”

If any student experiences sexual misconduct or harassment, and/or racial or ethnic discrimination on Three Rivers Community College Campus, or fears for their safety from a threat while on campus, please contact Vicki Baker, the Diversity Officer and Title IX Coordinator: 860-215-9208 (vbaker@trcc.commnet.edu)

ACADEMIC DISHONESTY:

Academic integrity is essential in all aspects of college coursework and learning. Communication or collaboration of any sort is prohibited during any exam. Academic misconduct is punishable in a number of ways, including a score of a zero on the assignment where the cheating took place, a grade of an F in the course and/or possible censure on your permanent record. All cases of academic dishonesty will be referred to the Academic Dean. Do not let yourself come under the suspicion of academic dishonesty.

DIGICATION:

All students are required to maintain an online learning portfolio in Digication that uses the college template.