



TRINITY VALLEY COMMUNITY COLLEGE
NON-CREDIT
DISTANCE EDUCATION COURSE SYLLABUS

THIS COURSE DOES NOT REQUIRE EXAMS TO BE PROCTORED.

Course Rubric & Title: Math 8042 Elementary Statistical Methods

Instructor Name: Kristin Spizzirri

Office Hours: by appointment only

Campus: Terrell

Office Location: ATHENS CAMPUS – GIBBS A 127

Expected instructor response time Mon-Fri: Students should expect responses to student inquiries from the instructor within 48 hours Monday-Friday.

Expected instructor response time Sat-Sun and holidays: Students should expect responses to student inquiries within 72 hours if submitted over the weekend or student holiday.

Office Phone & Alternate Phone #s: 903-675-6371

TVCC E-mail Address: kspizzirri@tvcc.edu

Electronic communication: TVCC students are REQUIRED to use either their TVCC Canvas account or their TVCC email account for all electrical communication. In order to ensure the identity of the student communicating electronically, TVCC faculty will not reply to student communication that is sent through an email account other than their TVCC issued email account or Canvas account.

Course Description: Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended.

Course Co- or Pre-Requisites: Meet TSI college-readiness standard for Mathematics, or equivalent.

Textbook(s) & ISBN: Please visit the [TVCC bookstore online](#)

Required/Recommended Reading(s): Please visit the [TVCC bookstore online](#)

Required Materials: Please visit the [TVCC bookstore online](#).

Learning Outcomes: Upon completion of this course, the student should demonstrate a mastery of the following 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 combinations.
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: In this course, you will complete discussions, watch lecture videos, complete homework, reviews, chapter exams and a final exam.

Homework/Discussion/Lecture Videos/ Reviews: All homework and reviews are completed within mymathlab. An earned grade of an 80 must occur, before students can move to the next assignment. All assignments are set up with pre-requisites and must be completed in order by the stated deadline. All discussions and lecture videos are completed within Canvas. All of these assignments average to 25% of the total grade in the course.

Chapter Exams: Chapter exams will be completed for each module. There will be a total of four chapter exams. All exams are timed but not proctored. Students may take exams from anywhere that they have an internet connection; however once the exam has begun it must be completed in that one session. (You cannot save the test and come back at a later time). The time limits on the exams are to discourage cheating. If YOU completed the homework, videos, and review then you should not have a problem with completing the exams in the stated time frame. The chapter exams will count 50% of the overall course grade. Students should not use notes or books or other aides during the exams. A graphing calculator maybe used only with scratch paper. Students should submit their scratch work for each exam to the instructor within 24 hours of completing the test. Failure to submit work to support the answers on the exam will result in a 0 on that exam.

Final Exam: A comprehensive final exam will be taken at the end of the course and will count 25% of the overall course grade. The final exam may replace one low (non-0) test grade.

Pacing of course: This course is set up in a modified self-pace format. This means that each module will have a stated deadline – students may work at their own pace within the time period for that module. Students may work ahead in once they complete the pre-requisite module. There is no penalty for completing the course early.

Expected Time Requirement for this Course: Approximately five to six hours per week of time spent reading, reviewing, and completing assignments is recommended to complete this course. Expect to spend at least as much time in this course as you would in the traditional, face-to-face class.

Non-Attendance and Financial Aid: If you are receiving financial aid, federal regulations require you to have begun attending the courses for which you are enrolled on or before the census date (e.g., 12th day of each fall and spring semester and 6th day of class each abbreviated semester). Attendance in an online course is verified by substantial participation in the course on or before the census date. TVCC defines substantial participation in online courses as logging in to the online course **AND** completing/participating in at least one requirement of the course. **NOTE: Logging in to your online course does not warrant “attending”. For this course, you will be required to complete each of the following assignments: 1. Read through the entire start here module and complete all necessary assignments including creating your mymathlab account and the start here quiz, 2. Complete the introduction discussion in canvas, and 3. Complete the first two homework assignments in mymathlab. before the census (12th class day for fall/spring or 6th class day for abbreviated semesters) date in order to be marked as**

“attending” for purposes of financial aid. Students documented as “not attending” a course upon the census date are assumed (for financial aid purposes) to have NOT begun attendance for that course, negatively affecting their financial aid disbursements.

Proctored Testing Information: This course does not require exams to be proctored

Outline of Course Schedule: Please see the calendar within Canvas in order to see the set due dates.

Classroom Policies: This class does not allow for makeups or retakes on any assignment including exams. All due dates are final and will not be extended for any reason. Please make sure that you look at the due dates at the beginning of the semester to ensure that you pace yourself to ensure that you finish all assignments at the stated due date..

Cheating/Plagiarism: Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism, and collusion. “Cheating on a test” shall include

- Copying from another student’s test paper
- Using test materials not authorized by the person administering the test
- Collaborating with or seeking aid from another student during a test without permission from the test administrator
- Knowingly using, buying, selling, stealing, or soliciting, in whole or in part, the contents of an un-administered test
- The unauthorized transporting or removal, in whole or in part, of the contents of the un-administered test
- Substituting for another student, or permitting another student to substitute for oneself, to take a test, and
- Bringing another person to obtain an un-administered test or information about an un-administered test.

“Plagiarism” shall be defined as the appropriating, buying, receiving as a gift, or obtaining by any means another’s work and the unacknowledged submission or incorporation of it in one’s own written work. “Collusion” shall be defined as the unauthorized collaboration with another person in preparing written work for fulfillment of course requirements.

The punishment for cheating or collusion in this class is a 0 on that assignment for the first incident with an F in the course for any further issues. The teacher has the right to require any student to take the exam on campus in a proctored environment if there is a testing irregularity that prompts the instructor to suspect cheating.

Drop Policy: Students are responsible for dropping themselves from the course. I will not drop you. Please communicate with the instructor prior to dropping if you would like advice on the decision to drop or not.

Campus Carry: The College District prohibits the use, possession, or display of a firearm on College District property or at a College District-sponsored or -related activity in violation of law and College District regulations. This policy does not apply to commissioned peace officers in accordance with law. All persons, including license holders, are prohibited from openly carrying a handgun on all College District campuses and premises. License holders may carry a concealed handgun on or about their person while on College District campuses and premises. License holders are responsible for complying with applicable federal and state law and this policy and associated regulations.

Criminal History: TVCC awards some certificates and degrees in which a criminal history **MAY** disqualify candidates from becoming licensed upon degree/certificate completion. Students **with** a criminal background enrolling in courses leading to a degree/certificate in criminal justice, cosmetology, nail technician, Heating/Ventilation/Air Conditioning (HVAC), Emergency Medical Technology (EMT), Nurse Aide, Vocational Nursing (VN), Associate Degree Nursing (ADN), Surgical Technology, Patient Care Technology, or Pharmacy Technician program are **STRONGLY ENCOURAGED** to discuss the licensing regulations with the TVCC program director listed in the current catalog and learn about the current guidelines related to criminal history as well as the right of individuals to request a criminal history evaluation letter.

Research Resources: The student is encouraged to use the TVCC Libraries as research resources for this course. Students can search the TVCC Library Resource Center holdings through the on-line catalog. Electronic library resources provide access to full-text and abstract articles as well as links to a variety of remote research tools. The physical library contains a specialized collection of research materials specifically chosen to support the degrees and courses offered at TVCC. Students with research questions or questions about library services are encouraged to email their question to lrc@tvcc.edu.

Logging on to E-Courses: To access your online courses (which are available after 8:00 a.m. on the first day of the semester), visit <https://ecourses.tvcc.edu>. At the Canvas login page, the TVCC **username** is your Cardinal ID (ex: last name, first initial, 3 numbers that were assigned to you). You can find your Cardinal ID on your printed schedule. If you do not know your Cardinal

ID, you will need to visit <https://mail.tvcc.edu> and choose the “Activate my Cardinal ID” icon. At the Cardinal ID activation screen choose “Get My Cardinal ID” (on the right in red). Select the “Obtain Cardinal ID and TVIN” screen, enter your social security number, month of birth, year of birth and choose “search”. Your Cardinal ID will be listed in the second box under your name. Your **password** is created when you activate your cardinal ID. If you have forgotten your password, please visit <https://mail.tvcc.edu> and click on "Forgot My Password".

Technology Resources/Access: Each student, employee, or guest with an information technology (IT) account shall be responsible for all use of the account. All accounts shall be for use by a single individual – the person for whom the account was approved or assigned. This includes e-Course accounts as well as TVCC issued email accounts. Sharing or loaning accounts is strictly prohibited and violates TVCC Board Policy CT (LOCAL).

Additional Information: N/A

Student’s Responsibility: This syllabus contains information, policies and procedures for a specific course. By enrolling, the student agrees to read, understand, and abide by the rules, policies, regulations, and ethical standards of Trinity Valley Community College as contained in the current catalog and schedule of classes.

Student Evaluation of Courses/Faculty: Evaluation is an important component in promoting continuous improvement, enhancing student learning, and achieving excellence in the educational process. Therefore, TVCC administers student course evaluations every semester. Students are encouraged to complete the course evaluations for all of their courses through the student Cardinal Connection portal. Notification of evaluation availability will be made to all students through the TVCC email accounts.

When completing the evaluation, students will rate the course by responding to the following prompts:

- The instructor relates the importance of the subject matter to real life.
- The instructor is very knowledgeable of the subject matter.
- The instructor encourages questions and discussions from students.
- The instructor makes class requirements clear.
- The instructor gives class assignments (tests, projects, presentations, etc.) that measure what was covered.
- The instructor’s teaching methods are effective in helping me learn.
- The instructor expects students to take responsibility for their learning.
- The instructor establishes a climate of respect.

- The instructor is well organized and prepared for each class.
- The instructor is available to me on matters pertaining to the class.
- The instructor is reliable in meeting class (leave blank for online courses).
- The instructor normally starts class on time (leave blank for online courses).
- The instructor has challenged me to think.

Affirmative Action: TVCC is an affirmative action/equal opportunity institution which provides educational and employment opportunities on the basis of merit and without discrimination or harassment in full compliance with the Civil Rights Act of 1964, as amended; the Rehabilitation Act of 1973 (Section 503,504); Americans with Disabilities Act, as amended, Title IX of the Educational Amendments of 1972; the Vietnam Era Veterans Assistance Act of 1974; Article 5221k V.A.C.S.; and Executive Orders 11246 and 11758.

Title IX of the Education Amendments: TVCC prohibits discrimination, including sexual harassment and retaliation, against any student on the basis of race, color, religion, gender, national origin, disability, or any other basis prohibited by law. Any student who believes that he or she has experienced prohibited conduct or believes that another student has experienced prohibited conduct should immediately report the alleged acts to an instructor, counselor, administrator, or the Title IX Coordinator. TVCC has designated the Director of Human Resources/Title IX Coordinator as the individual who is responsible for coordinating its efforts to comply with Title IX of the Education Amendments of 1972, as amended. Contact information is: *Director of Human Resource/Title IX Coordinator; Office Phone: 903-675-6215*

American with Disabilities Act (ADA): Trinity Valley Community College provides equal opportunities for academically qualified students with disabilities and ensures access to a wide variety of resources and programs. The passage of Section 504, Federal Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990 requires that the college make certain special arrangements for students with disabilities such as moving classes to accessible locations when necessary, allowing the use of tape recorders, sign language interpreters, or other educational auxiliary aids, making special test arrangements, and other accommodations. The college will make reasonable accommodations for qualified students with a diagnosed physical and/or learning disability who have been admitted to the college and request accommodations.

Students with disabilities who wish to request accommodations should notify the Disability Services Office on their campus. In accordance with federal law, a student requesting accommodations must provide documentation of his/her disability to the Disability Services

counselor. For more information, please visit the Disability Service Office on your campus or contact Melinda Berry at 903-675-6224 and email mlberry@tvcc.edu.