

Math 0342/1342.C151 Syllabus
Statistical Methods Corequisite Courses
Online
Spring 2026

Instructor: Mrs. Morgan Groves
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Office Hours: Mon/Wed 1pm – 2pm
 Tues/Thurs 1pm – 3pm
 Fri 9am – 11am
 (or by appointment)

Course Structure

- Entirely online course
 - Lecture videos are found on Blackboard
 - Notes outline are found on Blackboard
 - Assessments, such as quizzes and exams, will all be done online with a proctoring system (HonorLock).

Textbook

- No book for this section.

Course Requirements/Materials

- Regular attention to course work and regular progress in the course is required
- All graded assessments are expected to be done online with the proctoring system (HonorLock) and due by the deadline indicated on Blackboard.
- Reliable internet access
- Printer (for notes), but notes can be done electronically (tablet/iPad) if they are written by hand.
- Smart phone and/or scanner to turn a written document into a PDF file.
- Solid work ethic and character.

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|-----------------|-----------------|-----|------------------------------|---------------|
| Grading: | Assignments | 15% | <u>Grading Scale:</u> | A 90-100 |
| | Tests (4 total) | 65% | | B 80-89 |
| | Final Exam | 20% | | C 70-79 |
| | | | | D 60-69 |
| | | | | F 59 or below |

The MATH 0342 final grade is at the discretion of the instructor and is only a Pass/Fail grade. If you earn a C (70%) or higher in the course, you will Pass the developmental (Math 0342) course also.

*****Note:** Students must justify answers or show work on all problems to receive full credit.

If you earn a D in the college-level course (Math 1342):

- If you earn a P (pass) in the developmental course (Math 0342), then you are TSI compliant. You will need to retake only the college-level Math 1342 course next term. You do NOT need to retake the entire corequisite course again.
- If you earn an E (progress) or F (fail) in the developmental course (Math 0342), then you are not TSI compliant and you must retake both corequisite courses again next term.

What affects my GPA?

There are two different GPAs students for SPC students: academic and financial aid

Your academic GPA is what you see on your transcripts and developmental courses do not calculate into those GPAs.

Your financial aid GPA is what you see when you look at your financial aid page in MySPC. All classes, developmental and college-level alike, calculate into this GPA.

Communication

- Students are expected to check their SPC emails at least once per day.
- The instructor promises to respond to student emails within 48 hours, with the exception of weekends.
- The instructor may not check/respond to emails after 5pm on Fridays and may not respond on Saturdays and Sundays. Any emails sent past 5pm on a Friday will be responded to no later than Monday.

Class Notes

- Found on Blackboard.
- Should be completed by each student (hand-written) using the lecture videos also found on Blackboard.
- Students will be required to upload their completed notes to Gradescope for an "Assignment" grade.
 - If notes are incomplete, 50% of the grade will be deducted.
 - If notes are not completed using the provided lecture videos made by the professor, at least 50% of the grade will be deducted.
 - If notes are late, 100% of the grade will be deducted.

Homework

- Written homework assignments can be found on Blackboard.
- Work on homework DAILY.
- No homework assignments are turned in for a grade in this class. They are the responsibility of the student to ensure proper understanding of the material.
- Written work from homework assignments should be done and kept for studying purposes but is not submitted to the instructor.
- All work in this class must be your own!!

Labs

- Worksheets found on Blackboard.
- Students can use their completed homework on the labs.
- Students can use their formula sheets and calculators on these assignments.
- Graded as an "Assignments" category grade.
- Students will upload their Labs to Gradescope by the due date (see calendar).
- Not done using HonorLock. Students are on the honor system. No A.I. or statistical solving programs are allowed to be used on any assignment in this class. See Student Code of Conduct in the Student Handbook on the SPC website for more information.

Tests

- Online using HonorLock, the proctoring system.
- 40-hour window to take exams, but only 2 hours to complete the exam once started.
- Students must follow all rules set up by the professor for online testing using HonorLock. See the HonorLock section below for more details.
 - If a student does not follow all testing procedures explained in this document and in the HonorLock documents provided, the student may be required to test in person on campus with the professor for the remainder of the semester.
- 4 midterm exams and 1 final exam
- A 3"x5" hand-written notecard can be used on the exams. Double-sided is okay. Must be submitted with the exam to Gradescope.

- The formula sheets provided to the student may be printed in advance, but the paper must be clean (no markings or notes on it) and must be submitted with the exam to Gradescope.
- Complete in the allotted time (2 hours)
- No exam grades will be dropped.
- Exams may be comprehensive.
- No make-up exams will be given.
 - In the event you miss a test, your final exam grade can replace up to one missed test grade.
- Test corrections are for your own benefit and will not be graded.

Final Exam

- The final exam is comprehensive.
- Any student who does not take the final exam will fail the classes with F's regardless of the student's average.
- No make-up final exam will be offered.
- A 3"x5" hand-written notecard is allowed.
- More details will be shared on Blackboard near the end of the term.

HonorLock – Assessments/Exams

- Read the document "HonorLock – Showing Workspace" found on Blackboard in the *Start Here* module.
- The entire workspace must be visible for the entire assessment time.
- Your cell phone(s) should be placed on SILENT, and all smart watches need to be removed.
 1. Keep your phone in view of the camera at all times.
- Things to be sure to do when using HonorLock to avoid losing credit on an assignment:
 1. When doing the room scan, be sure to show the wall or space behind the computer monitor, the space on either side of the computer monitor, and the space around your feet.
 2. Ensure the workspace is completely visible.
 3. Ensure you are alone or as isolated as possible during your assessment. There should not be other people talking around you during your assessments.
 4. Ensure sufficient light in front of you so that your face and body are not shadowed (i.e. do not have a window behind you).
 5. Do not block/cover your face during your assessment (for instance, do not hold your calculator in front of your face where the camera cannot see you anymore).
 6. No leaving the view of the camera during the assessment.
 7. Do not log out of HonorLock until after you have submitted your work to Gradescope.
 8. Ensure your internet connection is strong before you start the assessment.
 9. If anything happens that violates the rules above, immediately submit your work to Gradescope and contact your professor.

Late work

- Definition: work that was assigned but not turned in on time.
 - Ex: notes were to be completed using the lecture videos and uploaded to Gradescope, but student did not upload the notes by the due date.
- Late work is not accepted.
- If you do not turn in an assignment on time, you will receive a zero.

Make-up

- Definition: work that is done by students after the class has already completed the assignment.
 - Ex: Student misses a quiz in class because they were late or absent from class.
- No make-up assignments/tests are given without prior notification AND proper documentation.

Attendance Policy

- Students must not miss too many assignments! Missing more than 20% of the assignments in the term can result in an administrative drop from the course.
- There are no excused absences, even with a doctor's note.

Submitting Documents Online (Gradescope)

- Download the Gradescope app onto your smart phone.
 - Log-in with your **SPC credentials**, just like you log into Blackboard.

Academic Integrity

- Any student involved in cheating will receive a zero on the assignment(s) and will be informed of why he/she received a zero.
- Student may be administratively dropped from the class and will receive an X or F.
- The use of A.I. or any math/statistics solving software is strictly prohibited.

Calculators

- You must have a graphing calculator with the "Lists" feature.
- I recommend a TI 83 or 84 series calculator.
- TI-Nspires or Casio calculators are NOT recommended unless you are an expert at using them, as the instructor will be of little help.

South Plains College
Common Course Syllabus: MATH 1342

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Number: MATH 1342

Course Title: Statistical Methods

Available Formats: conventional/flex and internet

Campuses: Levelland, Reese, Plainview, Lubbock Center and Dual Credit

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

Prerequisite: Minimum score of 350 on the TSIA, TSI-exempt status, or a successful completion with a grade of 'C' or better in MATH 0337.

Credit: 3 **Lecture:** 3 **Lab:** 0

Supplies: Please see the instructor's course information sheet for specific supplies.

This course partially satisfies a Core Curriculum Requirement: Mathematics Foundational Component Area (020)

Core Curriculum Objectives addressed:

- **Communications skills**—to include effective written, oral and visual communication
- **Critical thinking skills**—to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Empirical and quantitative competency skills**—to manipulate and analyze numerical data or observable facts resulting in informed conclusions

Student Learning Outcomes: Upon completion of this course and receiving a passing grade, the student will be able to:

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.

Student Learning Outcomes Assessment: A pre- and post-test questions will be used to determine the extent of improvement that the students have gained during the semester

Course Evaluation: There will be departmental final exam questions given by all instructors.

Attendance Policy: Attendance and effort are the most important activities for success in this course. The instructor maintains records of the student's engagement throughout the semester. The student will be allowed to miss twenty percent (20%) of class assignments for the semester, **for any reason**. Should this number be exceeded, the instructor has the right to drop the student with a grade of F or an X, depending on the instructor's discretion.

Plagiarism violations include, but are not limited to, the following:

1. Turning in a paper that has been purchased, borrowed, or downloaded from another student, an online term paper site, or a mail order term paper mill;
2. Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation;
3. Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them; or
4. Missing in-text citations.

Cheating violations include, but are not limited to, the following:

1. Obtaining an examination by stealing or collusion;
2. Discovering the content of an examination before it is given;
3. Using an unauthorized source of information (notes, textbook, text messaging, internet, apps) during an examination, quiz, or homework assignment;
4. Entering an office or building to obtain an unfair advantage;
5. Taking an examination for another;
6. Altering grade records;
7. Copying another's work during an examination or on a homework assignment;
8. Rewriting another student's work in Peer Editing so that the writing is no longer the original student's;
9. Taking pictures of a test, test answers, or someone else's paper.

COVID Syllabus Statement: Should be provided by the Vice-President of Student Services over email.

Student Code of Conduct Policy: Any successful learning experience requires mutual respect on the part of the student and the instructor. Neither instructor nor student should be subject to others' behavior that is rude, disruptive, intimidating, aggressive, or demeaning. Student conduct that disrupts the learning process or is deemed disrespectful or threatening shall not be tolerated and may lead to disciplinary action and/or removal from class.

Diversity Statement: In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Disability Statement: Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

Nondiscrimination Policy: South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs, South Plains College, 1401 College Avenue, Box 5, Levelland, TX 79336. Phone number 806-716-2360.

Title IX Pregnancy Accommodations Statement: If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To [activate](#) accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student's responsibility to work with the instructor to arrange accommodations. Contact the Director of Health and Wellness at 806-716-2362 or [email cgilster@southplainscollege.edu](mailto:cgilster@southplainscollege.edu) for assistance.

Campus Concealed Carry: Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations and Frequently Asked Questions, please refer to the Campus Carry page at: <http://www.southplainscollege.edu/campuscarry.php>
Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.

Note: The instructor reserves the right to modify the course syllabus and policies, as well as notify students of any changes, at any point during the semester.

Important Information College-Wide: <https://www.southplainscollege.edu/syllabusstatements/>

| Tentative Calendar for Math 1342 Coreq Online – Spring 2026 | | | | |
|---|-----------|--------|---|---|
| Week | Day | Date | Topic | Assignment (due by 11:59pm on Gradescope) |
| 1 | Monday | Jan 12 | Syllabus and Welcome Video R.1: Rounding, Summation Notation, Exponents, Square Roots, Order of Operations | Notes R.1 |
| | Tuesday | Jan 13 | 1.1: An Overview of Statistics, Data Collection, and Experimental Design | Notes 1.1 |
| | Wednesday | Jan 14 | Work on Homework | |
| | Thursday | Jan 15 | R.2: Decimals to Fractions to Percents, Operations on Fractions, Inequalities | Notes R.2 |
| 2 | Monday | Jan 19 | MLK Jr. Holiday | |
| | Tuesday | Jan 20 | Lab R.1, R.2, 1.1 | Lab R.1, R.2, 1.1 |
| | Wednesday | Jan 21 | 1.2: Frequency Distributions and Their Graphs | Notes 1.2 |
| | Thursday | Jan 22 | Work on homework | |
| 3 | Monday | Jan 26 | Lab 1.2 | Lab 1.2 |
| | Tuesday | Jan 27 | 1.3: Measures of Central Tendency | Notes 1.3 |
| | Wednesday | Jan 28 | Lab 1.3 | Lab 1.3 |
| | Thursday | Jan 29 | 1.4: Measures of Variation | Notes 1.4 |
| 4 | Monday | Feb 2 | Lab 1.4 | Lab 1.4 |
| | Tuesday | Feb 3 | 1.5: Measures of Position | Notes 1.5 |
| | Wednesday | Feb 4 | Lab 1.5 | Lab 1.5 |
| | Thursday | Feb 5 | Review – Study!! | |
| 5 | Monday | Feb 9 | Exam 1 Opens: 6am Sunday Feb 8 th Closes: 10pm Monday Feb 9 th | Unit 1 |
| | Tuesday | Feb 10 | 2.1: Counting and Basic Concepts of Probability | Notes 2.1 |
| | Wednesday | Feb 11 | Lab 2.1 | Lab 2.1 |
| | Thursday | Feb 12 | 2.2: Conditional Probability and the Multiplication Rule | Notes 2.2 |
| 6 | Monday | Feb 16 | Lab 2.2 | Lab 2.2 |
| | Tuesday | Feb 17 | 2.3: The Addition Rule | Notes 2.3 |
| | Wednesday | Feb 18 | Lab 2.3 | Lab 2.3 |
| | Thursday | Feb 19 | 2.4: Additional Topics in Probability and Counting | Notes 2.4 |
| 7 | Monday | Feb 23 | 2.5: Probability Distribution | Notes 2.5 |
| | Tuesday | Feb 24 | Lab 2.4 – 2.5 | Lab 2.4 – 2.5 |
| | Wednesday | Feb 25 | 2.6: Binomial Distribution | Notes 2.6 |
| | Thursday | Feb 26 | Lab 2.6 | Lab 2.6 |
| 8 | Monday | Mar 2 | Exam 2 Opens: 6am Sunday March 1 st Closes: 10pm Monday March 2 nd | Unit 2 |
| | Tuesday | Mar 3 | R.3: Solving Linear Equations | Notes R.3 |
| | Wednesday | Mar 4 | 3.1: Intro to Normal and Standard Normal Distributions | Notes 3.1 |
| | Thursday | Mar 5 | Lab 3.1 & R.3 | Lab 3.1 & R.3 |

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| 9 | Monday | Mar 9 | 3.2: Sampling Distributions and the Central Limit Theorem | Notes 3.2 |
| | Tuesday | Mar 10 | Work on Homework | |
| | Wednesday | Mar 11 | Lab 3.2 | Lab 3.2 |
| | Thursday | Mar 12 | 3.3: Confidence Intervals for Means | Notes 3.3 |
| | | Mar 16 - 20 | Spring Break | |
| 10 | Monday | Mar 23 | Work on Homework | |
| | Tuesday | Mar 24 | Lab 3.3 | Lab 3.3 |
| | Wednesday | Mar 25 | 3.4: Confidence Intervals for Population Proportions | Notes 3.4 |
| | Thursday | Mar 26 | Work on Homework | |
| 11 | Monday | Mar 30 | Lab 3.4 | Lab 3.4 |
| | Tuesday | Mar 31 | Review | |
| | Wednesday | Apr 1 | Exam 3 Opens: 6am Tuesday March 31 st Closes: 10pm Wednesday April 1 st | Unit 3 |
| | Thursday | Apr 2 | 4.1: Intro to Hypothesis Testing | Notes 4.1 |
| 12 | Monday | Apr 6 | Lab 4.1 | Lab 4.1 |
| | Tuesday | Apr 7 | 4.2: Hypothesis Testing for the Mean (Sigma Known) | Notes 4.2 |
| | Wednesday | Apr 8 | Work on Homework | |
| | Thursday | Apr 9 | Lab 4.2 | Lab 4.2 |
| 13 | Monday | Apr 13 | 4.3: Hypothesis Testing for the Mean (Sigma Unknown) | Notes 4.3 |
| | Tuesday | Apr 14 | Lab 4.3 | Lab 4.3 |
| | Wednesday | Apr 15 | 4.4: Hypothesis Testing for Proportions | Notes 4.4 |
| | Thursday | Apr 16 | Lab 4.4 | Lab 4.4 |
| 14 | Monday | Apr 20 | R.4: Graphing Lines and Slope Intercept Form | Notes R.4 |
| | Tuesday | Apr 21 | 4.5: Correlations | Notes 4.5 |
| | Wednesday | Apr 22 | Lab 4.5 & R.4 | Lab 4.5 & R.4 |
| | Thursday | Apr 23 | 4.6: Linear Regression & Measures of Regression | Notes 4.6 |
| 15 | Monday | Apr 27 | Lab 4.6 | Lab 4.6 |
| | Tuesday | Apr 28 | Review | |
| | Wednesday | Apr 29 | Exam 4 Opens: 6am Tuesday April 28 th Closes: 10pm Wednesday April 29 th | Unit 4 |
| | Thursday | Apr 30 | Review | |
| | Monday | May 4 | Final Exam Opens: 6am Monday May 4 th Closes: 10pm Tuesday May 5 th | Comprehensive |

Last day to drop – April 30th