



**SUL ROSS STATE UNIVERSITY
ACADEMIC CENTER FOR EXCELLENCE
Common Course Syllabus
MATH 0342 Intro Statistical Methods
(Co-requisite with MATH 1342)**

COURSE TITLE: Intro Statistical Methods
YOUR SECTION /TIME: C02 9:00am-9:50am
INSTRUCTOR'S Office: FH 210
INSTRUCTOR'S E-MAIL: ahilscher@sulross.edu
CREDIT HOURS: 3 **LECTURE HOURS:** 3

CLASSROOM: FH 203
YOUR INSTRUCTOR: Ms. Anne Marie Hilscher
INSTRUCTOR'S PHONE:
INSTRUCTOR'S OFFICE HOURS: MWF 10:00am-10:45am
MANDATORY CO-ENROLLMENT: MATH 1342

TSIA PLACEMENT: a score of 335 or lower OR ABE 5-6

CATALOG DESCRIPTION: MATH 0342 Intro Statistical Analysis (3-0). This course is designed for students whose score on an approved assessment instrument does not meet minimum requirements on the mathematics portion of the assessment. Students who wish to earn a B.S. degree take MATH 1342. Topics included in this course are collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals, and hypothesis-testing. Credit in this course cannot be used to satisfy requirements for any degree. Students must earn a grade of "C" or better to progress to the next level math course.

SOFTWARE (TEXTBOOK): Hawkes (You must purchase a Hawkes license or obtain temporary access by class time no later than the 2nd class day)

Hawkes Tech Support: Monday - Friday, 7:00 AM to 9:00 PM (Central Time) • 843-571-2825 •
support@hawkeslearning.com • www.hawkeslearning.com/support • 24/7 Chat hawkeslearning.com/chat

HAWKES Course Code:

NOTE: If you have not purchased your copy of HAWKES by the end of the fourth week of class, you will be dropped from this class with an "F."

SUGGESTED SUPPLIES: Three-ring Binder and dividers or spiral with dividers; notebook paper; pencil

STUDENT LEARNING OUTCOMES:

After completing this course, the student should be able to demonstrate competency in the following:

- 1) The student will be able to gather, organize, calculate, and present data.
- 2) The student will be able to work with probability distributions, both discrete and continuous, and recognize the proper distribution to use for different applications.
- 3) The student will be able to estimate population proportions, means, and standard deviations.
- 4) The student will be able to use hypothesis testing on population proportions, means, and standard deviation.

GRADING SCALE: 90-100 A, 80-89 B, 70-79 C, 60-69 D, 59-Below F

METHOD OF EVALUATION: Homework 30% Quizzes/In-Class Assignments 30% Exams: 40%

CO-REQUISITE MODEL:

Your MATH 0342 class is designed to provide you with support for your MATH 1342 class. Your MATH 1342 instructor will introduce a concept in class. Your MATH 0342 instructor will help ensure that you have the math skills needed to master that particular math concept. *You need to attend both classes in order to be successful.*

ACADEMIC ETHICS:

Please remember that real success comes from learning how to do the work yourself. Your instructors believe that you are an honest individual and expect that all of the work that you do results from your own efforts. You know that a college education costs too much for you to waste your time trying to beat the system rather than figuring out how to learn the material. You know that any form of cheating is dishonest and it makes you look very bad. Your instructor will have specific responses to any academic dishonesty that s/he may encounter. A repeated instance of academic dishonesty may result in your situation being forwarded to the Dean of Student Life. Please see the *SRSU Student Handbook* for a more complete discussion of academic honesty.

ATTENDANCE POLICY:

Sul Ross State University and the State of Texas require each student liable for any portion of the Texas Success Initiative (TSI) to attend and participate in developmental coursework. If you fail to attend and/or participate, you will earn an “F” for the course. Also, it is a course requirement that you take the mid-term and final exams. Failure to do so **could** result in your earning an “F” for the course.

If you must be absent, you are responsible for finding out what was covered and assigned in class in order to be prepared when you return to class. According to the University catalog, “When a student has to miss class due to an authorized university activity, it will be the responsibility of the student to notify the instructor of the class in advance [and to complete all assignments] within a reasonable time and at the convenience of the instructor.” Being more than five minutes late or leaving before class is over will be counted as an absence!

CELL PHONES: Cell phones going off during class are disruptive. Be a considerate class member. Turn off your cell phone before class begins, and keep it turned off throughout the class period. If you feel that you have an emergency situation that requires your phone being left on, speak with your instructor before class.

COURSE COMMITMENT:

You will make the decision about how long it takes you to clear your developmental math requirement. Please keep these thoughts in mind:

- 1) Your registration in this course is the result of *your* math test scores and, at this time, those scores do not indicate that you could be successful in a college level math class. We want you to be successful in your college level math class, so learn everything that you can in this class.
- 2) It costs as much to take this class as it does to take any other SRSU three-hour course. Yet you know that this course does not count towards your degree. You will save a lot of money and time if you decide to clear your developmental math requirement as quickly as possible.
- 3) You are the only one who can make the commitment to be successful in this class. You will decide how much time you end doing homework, asking your instructor questions, and visiting with a tutor. So come to class and complete this course with a grade of “C” or better this semester.

EXTRACURRICULAR ELIGIBILITY: If you do not pass all of your developmental education coursework (ED 0200/ED 0300, ENG 0200/ENG 0300, ENG 0309, ENG 0310, MATH 0200/MATH 0300, MATH 0332, MATH 0342, and/or MATH 0314) this semester with a grade of “C” or better, then you will not be eligible to participate in any extracurricular SRSU activities next long semester. Extracurricular activities include, but are not limited to Student Government Association, Campus Activities, Athletics, and Rodeo.

STUDENT ASSISTANCE: Tutors are available in the Tutoring and Learning Center, Library first floor, free of charge. Please check with the Tutoring and Learning Center for hours and days of tutor availability.

STUDENTS WITH DISABILITIES (ADA): If you have a disability and need an accommodation, you should contact the Counseling and Accessibility Center located in Ferguson Hall, Room 112. Students seeking accessibility services must contact Mary Schwartz-Grisham, M.Ed., L.P.C. Her phone number is 432-837-8203. Her email address is mschwartz@sulross.edu You are responsible for presenting to the instructor any accommodation letter(s) and instructions.

TEXAS SUCCESS INITIATIVE (TSI) ADVISING:

As a developmental education student, you have a TSI hold on your records. In order for you to register for the next semester, you must see a TSI advisor in Lobo Den. Lobo Den is located in Lawrence Hall, Room 102 and their phone number is 432-837-8982.

TENTATIVE SCHEDULE (SUBJECT TO CHANGE)

	Monday	Wednesday	Friday
Week 1 (Aug 26-30)	Intro to Course; Intro to HAWKES Program	Obtain access to HAWKES: Strategies for Academic Success	Ch 1R Problem-Solving with Whole Numbers; Decimal Numbers
Week 2 (Sept 02-06)		Ch 1R Exponents & Order of Operations	Ch 1R Review
Week 3 (Sept 09-13)	Ch 2R Intro to Fractions and Mixed Numbers	Ch 2R Decimals and Fractions	Ch 2R Decimals and Percents
Week 4 (Sept 16-20)	Ch 2R Order of Operations w/ Fractions	Ch 2R Estimating & Order of Operations w/ Decimals	Ch 2R Fractions & Percents; Ch 2R Review
Week 5 (Sept 23-27)	Exam # 1 Review	EXAM #1	Ch 3R Reading Graphs
Week 6 (Sept 30-Oct 04)	Ch 3R Constructing Graphs from Data	Ch 3R Constructing Graphs from Data	Ch 3R The Real Number Line & Absolute Value
Week 7 (Oct 07-11)	Ch 3R The Real Number Line & Absolute Value	Ch 3R Reviewing Graphs	Ch 3R Review
Week 8 (Oct 14-18)	Ch 4R Addition & Subtraction w/ Real #s	Ch 4R Multiplication & Division w/ Real #s	Ch 4R Simplifying Algebraic Expressions
Week 9 (Oct 21-25)	Ch 4R Simplifying Algebraic Expressions	Ch 4R Evaluating Radicals	Ch 4R Review
Week 10 (Oct 28-Nov 01)	Exam # 2 Review	EXAM #2	Ch 7R Order of Operations
Week 11 (Nov 04-08)	Ch 7R Order of Operations	Ch 7R Order of Operations	Ch 7R Solving Linear Inequalities
Week 12 (Nov 11-15)		Ch 7R Solving Linear Inequalities	Ch 7R Solving Linear Inequalities
Week 13 (Nov 18-22)	Ch 7R Solving Linear Inequalities	Ch 7R Compound Inequalities	Ch 7R Compound Inequalities
Week 14 (Nov 25-29)	Ch 7R Compound Inequalities	Ch 7R Review	
Week 15 (Dec 02-06)	Final Review	Final Review	
Tuesday, December 10	EXAM #3 FINAL EXAM 8:00am-10:00am in FH 203		