

South Plains College
Math 0401 – Foundations of Mathematical Reasoning (4:3:2)
Course Syllabus
Fall 2017

Instructor: Diane Eagle
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Office Hours:

Monday	Tuesday	Wednesday	Thursday	Friday
1:00 – 2:30 3:45 – 4:00 Reese	11:45 – 12:30	1:00 – 2:30 3:45 – 4:00 Reese	11:45 – 12:30	9:00 – 12:00

Prerequisite: Successful completion of MATH 0310 (a C or higher) or appropriate test score.

Co-requisite: Concurrent enrollment in EDUC1300.

Textbook: None.

Supplies: Pencils, paper, straightedge, and graph paper. **Only a basic non-graphing calculator (such as a TI-30) will be allowed in class.** Graphing calculators and calculators on cell phones or other electronic devices will **NOT** be allowed during tests or in-class assignments. Calculators may not be allowed on certain assignments and/or portions of exams. Arrive prepared to take notes every day.

Course Description and Purpose: This is a literacy-based course designed to provide students with the skills and conceptual understanding to succeed in a college-level statistics (Math1342) or quantitative literacy course (Math1332). This course includes applications of fundamental algebra, geometry, and statistics. This developmental math course is **NOT** designed for those students who need to take Math1314 or Math1324 as part of their degree plan. Students with undeclared majors should take Math0315 or Math0320, depending on their placement score. This course carries institutional credit but will not transfer and will not satisfy graduation requirements.

Learning Goals: This course is a quantitative reasoning course. This means you will learn to use, understand, and communicate about quantitative information. This course has 5 goals:

- 1. Communication goal:** Interpret and communicate quantitative information and mathematical and statistical concepts using language appropriate to the context and intended audience.
- 2. Problem solving goal:** Make sense of problems, develop strategies to find solutions, and persevere in solving them.
- 3. Reasoning goal:** Reason, model, and make decisions with mathematical, statistical, and quantitative information.
- 4. Evaluation goal:** Critique and evaluate quantitative arguments that utilize mathematical, statistical, and quantitative information.
- 5. Technology goal:** Use appropriate technology in a given context.

Completion Requirements: Students need to pass **both** EDUC1300 and MATH0401 with a C or better to become TSI-compliant in mathematics. Only upon successful completion of **both classes** will the student be allowed to enroll in Contemporary Mathematics (MATH1332) or Statistical Methods (MATH1342). This course does **NOT** prepare the student to take College Algebra (MATH1314) or Math for Business Majors (MATH1324).

Course Evaluation: Your final grade will be determined by the average of four major tests (400 points) the comprehensive final exam (100 points) and daily lab and homework assignments (100 points.) The lowest grade of the four tests will be dropped, provided the student completed the course and took the final exam. The final exam is NOT eligible to be dropped. There are 500 points possible. **A minimum grade of 70 is needed to successfully pass this course.** The number of points earned will follow the grading scale below:

Grading Scale:	A	90 to 100	448 to 500 points
	B	80 to 89	398 to 447 points
	C	70 to 79	348 to 397 points
	D	60 to 69	298 to 347 points
	F	Below 60	0 to 297 points

*****NOTE: I do NOT issue the grade of “PR” for this class under any circumstances.**

Exams: Exams are tentatively scheduled for September 21, October 12, November 9, and November 30. The comprehensive final exam will be 8:00 am to 10:00 am on December 14. **There are NO makeup tests!** If you miss one of the 4 major tests, you may qualify to have that missing grade dropped at the end of the semester (see requirements above.) A student with an average of 90 or higher on the 4 major tests may be exempt from the final exam.

Lab Assignments: There will be a daily lab to complete **during** class. Students are expected to participate as a learning community by being prepared for class, engaging in group activities, joining class discussions, communicating their understanding of mathematics, and explaining their work to others. **There is no makeup for lab assignments and a grade of zero will be assigned.**

Homework: Homework will be assigned at each class meeting in the form of a handout, due the following class period. All steps/work must be shown and the answer clearly indicated to receive credit. Do not submit “answer sheets.” In the event of an absence, you must email your assignment to me by midnight of the day it is due. **Absolutely NO late homework assignments will be accepted.** In-class lab assignments and homework grades comprise 20% of your overall average.

Bonus Points: Occasionally, tests will include a bonus problem, or a bonus problem may be assigned to complete outside of class. Opportunities for extra points are sometimes posted on Blackboard as well. Additional homework assignments may also be collected to supplement points earned. Bonus points add into the cumulative points earned.

Tutoring: Students can obtain free tutoring in room M116 in the math building on the South Plains Campus in Levelland or in Building 2 at the Reese Center. Tutoring schedules will be posted on campus. Please remember to sign in when you seek the help of a tutor in each of these places.

Attendance Policy: Attendance will be taken every class period. Students who arrive late, leave early, sleep during class, or fail to sign the attendance sheet may be counted absent. Whenever absences become excessive and, in the instructor's opinion, minimum course objectives cannot be met due to absences, the student will be withdrawn from the course. **Any student who misses 3 consecutive classes or exceeds 5 absences throughout the semester will be administratively dropped and receive a grade of X or F.** Students wishing to drop this class must see the registrar by Thursday, November 16, 2017 to officially withdraw and receive a grade of W.

Classroom Civility: Students are expected to be respectful of their fellow classmates and maintain a classroom environment that is conducive to learning. Turn off all cell phones and other electronic devices **before** entering the classroom. The instructor reserves the right to ask a student to leave if his/her cell phone is left on and disrupts the class. Refrain from using offensive language, talking loudly or off-topic, working on outside assignments, chewing tobacco products, or otherwise being disruptive in class. Food and/or drinks are NOT allowed in the classroom.

Academic Honesty: Students are expected to uphold the ideas of academic honesty. Academic dishonesty includes, but is not limited to, cheating on tests, collaborating with another student during a test, copying another student's work, using materials not authorized, and plagiarism. **Use of a graphing calculator, cell phone, or other electronic device during any in-class assignment or exam will result in a grade of zero.** Leaving the classroom during an exam will not be permitted. Students who do not follow the academic honesty policy will receive a grade of zero for the assignment, and may be dropped from the course with an F, or face possible suspension from the college.

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) and Lubbock Center 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

Equal Opportunity: South Plains College strives to accommodate the individual needs of all students in order to enhance their opportunities for success in the context of a comprehensive community college setting. It is the policy of South Plains College to offer all educational and employment opportunities without regard to race, color, national origin, religion, gender, disability or age.

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, please refer to the SPC policy at: (http://www.southplainscollege.edu/human_resources/policy_procedure/hhc.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 911.