

South Plains College
Common Course Syllabus: MATH 0320
Revised January 2020

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Number: MATH 0320

Course Title: Intermediate Algebra

Available Formats: conventional

Campuses: Reese, Plainview, and Lubbock Center

Course Description: This course is designed for the student who needs MATH 1314 or 1324. It includes factoring, fractions, linear equations in one unknown, graphs, systems of linear equations, exponents, radicals, and quadratic equations. Time in a math lab is required. This course will not satisfy graduation requirements.

Prerequisite: Minimum score of 340 on TSIA without an ABE score or a successful completion with a grade of 'C' or better in MATH 0315.

Credit: 3 **Lecture:** 3 **Lab:** 1

Textbook: *Elementary and Intermediate Algebra*, Sullivan/Struve/Mazzarella, 2018, 4th Edition, Prentice Hall/Pearson Education

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

This course partially satisfies a Core Curriculum Requirement: No

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

1. Define, represent, and perform operations on real and complex numbers.
2. Recognize, understand, and analyze features of a function.
3. Recognize and use algebraic (field) properties, concepts, procedures (including factoring), and algorithms to combine, transform, and evaluate absolute value, polynomial, radical, and rational expressions.
4. Identify and solve absolute value, polynomial, radical, and rational equations.
5. Identify and solve absolute value and linear inequalities.
6. Model, interpret and justify mathematical ideas and concepts using multiple representations.
7. Connect and use multiple strands of mathematics in situations and problems, as well as in the study of other disciplines.

Student Learning Outcomes Assessment: None

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

Attendance Policy: Attendance and effort are the most important activities for success in this course. Records of your attendance are maintained throughout the semester. Five (5) absences, **for any reason**, are allotted to the student for the semester. Tardies count as one-half (1/2) of an absence. Tardies will be applied for consistently being late to class, as deemed by the instructor and leaving class early. If this number is exceeded, the instructor has the right to drop you with a grade of F or an X, depending on their 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.

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.

SPC Bookstore Price Match Guarantee Policy: If you find a lower price on a textbook, the South Plains College bookstore will match that price. The difference will be given to the student on a bookstore gift certificate! The gift certificate can be spent on anything in the store.

If students have already purchased textbooks and then find a better price later, the South Plains College bookstore will price match through the first week of the semester. The student must have a copy of the receipt and the book has to be in stock at the competition at the time of the price match.

The South Plains College bookstore will happily price match BN.com & books on Amazon noted as *ships from and sold by Amazon.com*. Online marketplaces such as *Other Sellers* on Amazon, Amazon's Warehouse Deals, *fulfilled by Amazon*, BN.com Marketplace, and peer-to-peer pricing are not eligible. They will price match the exact textbook, in the same edition and format, including all accompanying materials, like workbooks and CDs.

A textbook is only eligible for price match if it is in stock on a competitor's website at time of the price match request. Additional membership discounts and offers cannot be applied to the student's refund.

Price matching is only available on in-store purchases. Digital books, access codes sold via publisher sites, rentals and special orders are not eligible. Only one price match per title per customer is allowed.

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.

**SOUTH PLAINS COLLEGE
MATHEMATICS AND ENGINEERING DEPARTMENT
MATH 0320: INTERMEDIATE ALGEBRA**

INSTRUCTOR: Mr. Moffett **OFFICE:** 215 Reese Campus **PHONE:** (806) 716-2528
E-MAIL: lmoffett@southplainscollege.edu

Office Hours: *Reese Center (RC) Room 215*

Monday	Tuesday	Wednesday	Thursday	Friday
8:00-8:30 10:15-11:00 12:45-3:45	8:00-8:30 10:15-11:00	8:00-8:30 10:15-11:00	8:00-8:30 10:15-11:00	

SUPPLIES: You will need a scientific calculator, pencils, and a **three ring binder** for notes and homework. Calculators may not be allowed on some tests. **Graphing calculators are not allowed.**

My Math Lab (MML) is required. The website is www.pearsonmylabandmastering.com. You may purchase MML online with a **14 day grace period for payment**. MML may also be purchased at the book store in combination with the book or by itself. The **ebook** is available on My Math Lab.

The hardcopy book is optional.

ATTENDANCE: Attendance and effort are important activities for success in this course. The following will be considered as absences: sleeping in class, two tardies, ten minutes late, nonparticipation, disruptive behavior, leaving before class is dismissed, cell phone ringing, and any use of the cell phone during class. A student that does not participate in class may be dropped by the instructor. Taking notes, doing homework, and working lab exercises are examples of participation. If you are **absent five times** throughout the semester you may be dropped with an X or an F by your instructor. Absences are not considered excused or unexcused. They are just recorded as absences.

Please attend with a desire to participate and learn.

HOMEWORK (HW): HW and quizzes are on My Math Lab (MML) at www.pearsonmylabandmastering.com. MML is designed to help you succeed in math and is delivered inside a web-based course delivery system. MML provides multimedia instruction and unlimited practice exercises correlated to the examples and exercises in your textbook. **I have had very positive feedback from students concerning MML.** The work will be submitted online as you work the problems on paper. Complete online **HW** and **quizzes** within two days after the material is covered in lecture. **Do the same work in pencil on paper.** Have your work in order in a section marked homework in your **three ring binder** and bring it to class. Have the HW and quizzes in the same order that they occur on MML. Do not use a spiral. Late HW will not be accepted. Write neatly. You may write on the back. **Copy the problem, show your work**, and clearly indicate the answer. **Skip a line** between each problem. The **heading** requires your **name**, date, chapter, and section. **Failure to follow these directions** may result in lower HW scores. Changes made to HW will be announced in class. Some HW sections are considered prerequisites and are not covered in lecture.

EXAMINATIONS: There will be 4 major exams. A calculator may not be allowed on some tests. You must **show your work on the test**. Tentative dates for the exams will be on the class schedule. Please correct the exams as they are returned in partial preparation for the final. **Exams may not be made up**. If you are absent on the day an exam is given, you will receive a grade of **zero** for that exam. At the discretion of your instructor, the final test grade **may** be used to replace one zero for a missed exam. Subsequent zeros will stand. Take a rest room break before the test. Finish the test and turn it in before leaving the room.

GRADING: Homework and quizzes on My Math Lab (MML) will count as **12%** of your overall grade. For **extra practice**, you may want to work problems from the textbook. Some of the answers are in the back of the book. There will be **four exams and a final**. **Each exam** will count **17%** and **the final** will count **20%**. If classes are dismissed during finals week due to weather or any other reason, or if there is not enough time for the final your grade will be the average you have prior to taking the final test.

Final grades will be awarded on the following scale:

A 90-100; **B** 80-89; **C** 70-79; **D** 60-69; **F** below 60.

TUTORING: Tutoring is available in room 116 of the Mathematics-Engineering Building in Levelland. Tutoring is also available on the Reese campus in building two. Tutoring resources are also available online via **MML**. Use the SPC tutors at no charge.

DROPPING A COURSE: To drop the course, return a completed official drop to the registrar's office. Follow the official Drop/Withdrawal Policy & Procedures in the class schedule.

STUDENT RESPONSIBILITIES:

- 1. READ YOUR SYLLABUS!**
- 2. Attend class. Avoid being tardy.**
- 3. Read the sections assigned before class.**
- 4. Do online assignments.**
- 6. Work extra problems**, as needed, to understand each topic.
- 7. Turn cell phones off or on silent prior to entering the classroom.**
A cell phone violation may result in a student being dropped from the class.
Any use of the cell phone is considered a violation.

Behavior and Discipline: Please keep a **positive attitude** and come to class desirous to learn. Treat yourself and others with respect. Any student not doing so will be asked to leave. Please assist in maintaining a classroom environment that is conducive to learning. Refrain from reading newspapers, chewing tobacco products, or otherwise being disruptive in class. A student is considered absent for disruptive behavior. A violation of cell phone rules is considered disruptive behavior. Keep all other electronic devices off. You may be dropped from the class for any disruptive behavior.

Good study habits are imperative for success.

"Nobody can go back and start a new beginning, but anyone can start today and make a new ending." ~Maria Robinson

LEARNING is finding out things you don't already know.

(Anonymous)

The main focus in Math 0320 will be in chapters 7 and 9 which focus on rational expressions and radicals. Students should be able to factor well prior to entering Math 0320

Math 0320 Schedule (Subject to change)

WEEK	SECTIONS COVERED
1	Syllabus 6.1 6.2 6.3 6.4 6.5
2	6.6 6.7
3	Test 1 (Chp.6) 7.1 7.2 7.3 7.4
4	7.5 7.7 7.8
5	7.7 7.8
6	Test 2 (Chp.7) 8.0 8.1 8.2
7	8.3 8.4 8.5 8.6
8	8.6 8.7
9	Test 3 (Chp.8) 9.1
10	9.1 9.2 9.3 9.4
11	9.5 9.6
12	9.8 9.9
13	10.1 10.2
14	10.2 Test 4
15	Review
16	Final Exam

May 4, 2020 Through May 7, 2020 is Spring Finals Week.