



Contemporary Mathematics & Support Course
Math 1314/0314 – C001
Fall 2025

Instructor: Jennifer Brazil

Office: M109

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Class Times: Monday – Thursday from 9:00 AM – 10:45 AM

Office Hours: As listed below or by appointment. I will be in my office on the Levelland campus during face to face (F2F) times listed below if you wish to meet in person. I will be online (via teams) during office hours or by appointment. Feel free to stop by anytime. If I'm in my office, you're welcome to come in.

If you need to schedule a time to meet outside of the office hours below, please email me to set up a time.

| Day | Times | Location |
|--------------------|--|---------------------|
| Monday & Wednesday | 8:15 AM – 9:00 AM 2:15 PM – 3:00 PM | M109 (Lev) or Teams |
| Friday | 9:00 AM – 11:00 AM | M109 (Lev) or Teams |

Email Correspondence: All email correspondence should come from your SPC email address. Please give me up to 24 hours to respond via email. If you email about a specific math question, please attach a picture of the question and the work that you have tried.

Disclaimer: The instructor reserves the right to alter any class policies/dates as deemed necessary by the instructor. If there are any changes, they will be announced **over Blackboard and via your SPC email**.

Showing Work: To receive full credit for an assignment, you must show all the work that leads to your answers. The work must be legible, make sense, and be easy to follow. All work and answers should be handwritten. No calculators or cell phones are to be used to get answers on coursework. Correct answers without mathematically accurate work may not receive full credit.

Course Supplies:

- Required: Notebook paper on which to complete the required work for your assignments
- Required: Printed Notes. A blank copy of the notes will be posted on Blackboard. You should print them off and fill them out as we go through the online learning videos. Please note that the SPC campus computer labs are available if you want to print your notes off there. You could also print them off at most public libraries, but please note that it usually requires you to pay a small fee per page. I recommend keeping all of your notes in order in a notebook so they are easily accessible.
- Required: A computer or laptop, reliable internet service, a way to print documents, and a way to scan and upload documents. Computer access available on SPC campus.
- Required: Any scientific calculator (Recommended TI – 30XS Multiview)
- Recommended: (2 – 3 inches) 3-ring binder with dividers to organize all notes and homework.

Attendance: Course attendance will be taken. Per South Plains College math department policy, you will be administratively dropped from the course if your number of missed submissions goes over 20% of all submissions.

Weekly Quizzes:

- There will be a weekly quiz most weeks.
- Weekly quizzes will be administered in class.
- You must show all work to receive credit for each individual problem. Correct answers without mathematically accurate work may not receive full credit.

Homework:

- Each lesson will have a corresponding set of homework problems. Make sure to practice showing your work and justifying your answers in preparation for quizzes and exams.
- Homework will be graded in two ways:
 1. Completion (50% of HW grade)
 2. I will spot check 3-5 questions (50% of HW grade)
- Homework will be completed on paper and scanned/uploaded into Blackboard by the due date.
- Once a homework has been uploaded, the answer key for that assignment will release in blackboard for your review. It is recommended to check ALL your homework problems after submission in preparation for quizzes.

Professionalism:

- Class Participation consists of student's attendance and participation in class discussions.
- Students are expected to follow along in class lectures and complete notes as we learn.
- Absence, tardiness, and completion of assignments will count in the daily professionalism grade.

Exams:

- There will be four regular exams this semester. Each exam will cover one unit.
- Work Requirement: Correct answers without mathematically accurate work will not receive full credit.
- Calculators and formula sheets are allowed for exams.

Final Exam:

- The final is comprehensive.
- Work Requirement: Correct answers without mathematically accurate work will not receive full credit.
- Calculators and formula sheets are allowed for exams.
- The final exam can replace ONE regular exam from the semester, if the final exam is a higher grade.

Make-ups:

- Homework is due in Blackboard at the end of each week. Late homework will only be accepted until the day of the exam covering that material and will be penalized 20%.
- If a student misses an exam, the student must notify the instructor IMMEDIATELY to find out if other arrangements can be made. Once exam grades have been released, any make-up exam is no longer possible.
- Make-up work is given at the discretion of the instructor.
- If you are absent from class on a quiz day, have given prior notification of your absence, you MUST plan to take the quiz BEFORE the end of the week. If the quiz is not made up by these specifications, the student receives a 0.

Missed Exams:

- In SOME instances, an exam may be made up with PRIOR approval by the instructor. In the case an exam make-up is allowed, the exam must be made up prior to the next class.
- One missed exam, for any reason, will have the comprehensive final exam replace the zero earned. The second missed exam will be a zero.
- If the Final Exam is not attempted, a grade of F will be reported for the student's grade regardless of the grade before the Final Exam was administered.

Grading Formula:

Completing all submissions and having a strong work ethic are important but do not guarantee a passing grade. However, these two things do increase the likelihood of passing. The final responsibility for learning lies with the student. The final letter grade for this course will be based on the assignments and percentages listed.

| | |
|-----------------|-----|
| Professionalism | 5% |
| Homework | 15% |
| Weekly Quizzes | 15% |
| Tests (4) | 40% |
| Final Exam | 25% |

Final Grade Determination: A 90-100 B 80-89 C 70-79 D 60-69 F 59 or below

Reviewing Grades on Blackboard: After I grade your assignments, you should be able to log into Blackboard to see your grade.

Corequisite Grade Information: In order to be in this class, you must register for two separate math classes (MATH 0314 and MATH 1314). Your grade in the college level part of the course (MATH 1314) will be determined using the formula above. Your grade in the support course (MATH 0314) will be a pass/fail (P/F). If you make a grade of A, B, or C in the MATH 1314 portion of the course, you will receive a P for MATH 0314. If you make a grade of D in the MATH 1314 portion of the course, you will receive a grade of P or F for MATH 0314 based on the instructor discretion and consideration of your Math 1314 test grades. If you make an F in the Math 1314 portion of the course, you will receive an F for Math 0314.

Academic Dishonesty:

Academic dishonesty will not be tolerated. Please see the list of things that constitute plagiarism and cheating in the general Math 1314 syllabus. If you violate anything on those lists, you will receive a zero on the assignment and could be subject to other actions outlined in the South Plains College Student Code of Conduct. Please note that these actions could include failing the course and being expelled from the college.

Resources:

- Blackboard! The course syllabus, calendar, gradebook, notes handouts/videos, and assignments will be available on Blackboard.
- I am available to help you! Feel free to email me at jbrazil@southplainscollege.edu . When you email me, please give me up to 24 hours to respond. If you email about a specific math question, please attach a picture of the question and the work that you have tried.
- Peer tutoring is available via SPC and is required for this course Visit the link below to learn more about SPC tutoring: <http://www.southplainscollege.edu/exploreprograms/artsandsciences/teacheredtutoring.php>

Withdrawal Policy: As required by Texas Education Code Section 51.907, all new students who enroll in a Texas public institution of higher education for the first time beginning with the 2007 fall semester and thereafter, are limited to six course drops throughout their entire undergraduate career. All course drops, including those initiated by students or faculty and any course a transfer student has dropped at another institution, automatically count toward the limit. After six grades of W are received, students must receive grades of A, B, C, D, or F in all courses. There are other exemptions from the six-drop limit and students should consult with a Counselor/Educational Planner before they drop courses to determine these exemptions. Students receiving financial aid must get in touch with the Financial Aid Office before withdrawing from a course. It is the student's responsibility to drop. Excessive absences will result in an administrative withdrawal with a Grade of X or F. If you plan to withdraw, please consult with the instructor immediately.

Succeeding in a Math Class:

- Be mentally present! Pay attention and reach out with questions.
- Plan ahead. Do notes and practice problems early enough before the due date that you will have time to ask questions or seek help if you need it.
- Get help as soon as you feel yourself falling behind! Don't wait!
- All notes printouts and practice problems for the course are posted on Blackboard. If you want to get ahead, that is encouraged. Time management is crucial.
- I have found that the best way for a student to study for a math exam is to practice working problems.

South Plains College

Common Course Syllabus: MATH 1314

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Number: MATH 1314

Course Title: College Algebra

Available Formats: conventional, hybrid and internet

Campuses: Levelland, Downtown Center

Course Description: In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

Prerequisite: Maximum score of 349 on the TSIA1 without an ABE score, minimum diagnostic score of 3 on the TSIA2, or a successful completion of NCBM 0105.

Textbook: No textbook required, course materials will be provided on Blackboard

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 Assessment: Comprehensive Final Exam

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

1. Demonstrate and apply knowledge of properties of functions, including domain and range, operations, compositions, and inverses.
2. Recognize and apply polynomial, rational, radical, exponential and logarithmic functions and solve related equations.
3. Apply graphing techniques.
4. Evaluate all roots of higher degree polynomial and rational functions.
5. Recognize, solve and apply systems of linear equations using matrices.

Attendance/Student Engagement Policy: Attendance and engagement are the most critical activities for success in this course. The instructor maintains records of the student's attendance and submission of assignments throughout the semester. The student is expected to attend at least eighty percent (80%) of the **total** class meetings **and** submit at least eighty percent (80%) of the **total** class assignments to have the best chance of success. If the student fails to meet these minimum requirements, the instructor may remove the student from the class with an X, upon their discretion, to help the student from harming their GPA. If the student cannot receive an X, the instructor will assign an F.

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 from the student and the instructor. Neither the instructor nor the student should be subject to others' rude, disruptive, intimidating, aggressive, or demeaning behavior. 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. For information regarding official South Plains College statements about intellectual exchange, disabilities, nondiscrimination, Title IX Pregnancy Accommodations, CARE Team, and Campus Concealed Carry, please visit <https://www.southplainscollege.edu/syllabusstatements/>. South Plains College policies, return to campus plan, and protocols regarding COVID-19 can be found here: <https://www.southplainscollege.edu/emergency/covid19-faq.php>.

College Algebra Outline

| | Monday | Tuesday | Wednesday | Thursday | DUE DATES Sunday |
|-----------|---|--|---|---|--|
| 1 | Aug. 25th Class Expectations | 26th Lesson 1.1 | 27th Practice 1.1 | 28th Lesson 1.2 | 31st Syllabus Quiz HW 1.1 |
| 2 | Sept 1st HOLIDAY | 2nd Quiz 1 (1.1) Practice 1.2 | 3rd Lesson 1.3 | 4th Practice 1.3 | 7th HW 1.2, HW 1.3 |
| 3 | 8th Quiz 2 (1.2,1.3) Lesson 1.4 | 9th Practice 1.4 | 10th Lesson 1.5 | 11th Practice 1.5 | 14th HW 1.4, HW 1.5 |
| 4 | 15th Quiz 3 (1.4, 1.5) Lesson 1.6 | 16th Practice 1.6 | 17th Review | 18th Exam 1 | 21st HW 1.6 Final Deadline 1 |
| 5 | 22nd Lesson 2.1 | 23rd Practice 2.1 | 24th Lesson 2.2 | 25th Practice 2.2 | 28th HW 2.1, 2.2 |
| 6 | 29th Quiz 4 (2.1, 2.2) Lesson 2.3 | 30th Practice 2.3 | Oct. 1st Lesson 2.4 | 2nd Practice 2.4 | 5th HW 2.3, HW 2.4 |
| 7 | 6th Quiz 5 (2.3, 2.4) Lesson 2.5 | 7th Practice 2.5 | 8th Lesson 2.6 | 9th Practice 2.6 | 12th HW 2.5, HW 2.6 |
| 8 | 13th Review | 14th Exam 2 | 15th Lesson 3.1 | 16th Practice 3.1 | 19th Final deadline 2 HW 3.1 |
| 9 | 20th Quiz 6 (3.1) Lesson 3.2 | 21st Practice 3.2 | 22nd Lesson 3.3 | 23rd Practice 3.3 | 26th HW 3.2, HW 3.3 |
| 10 | 27th Quiz 7 (3.2,3.3) Lesson 3.4 | 28th Practice 3.4 | 29th Lesson 3.5 | 30th Practice 3.5 | Nov. 2nd HW 3.4, HW 3.5 |
| 11 | 3rd Quiz 8 (3.4, 3.5) Lesson 3.6 | 4th Practice 3.6 | 5th Review | 6th Exam 3 | 10th HW 3.6 Final Deadline 3 |
| 12 | 10th Lesson 4.1 | 11th Practice 4.1 | 12th Lesson 4.2 | 13th Practice 4.2 | 16th HW 4.1, HW 4.2 |
| 13 | 17th Quiz 9 (4.1,4.2) Lesson 4.3 | 18th Practice 4.3 | 19th Lesson 4.4 | 20th Practice 4.4 | 23rd HW 4.3, HW 4.4 |
| 14 | 24th Quiz 10 (4.3, 4.4) Lesson 4.5 | 25th Practice 4.5 | 26th Thanksgiving Holidays | | 30th HW 4.5 |
| 15 | Dec. 1st Lesson 4.6 | 2nd Practice 4.6 | 3rd Review | 4th Exam 4 | 7th HW 4.6 Final Deadline 4 |
| 16 | 8th No Class | 9th Optional Review 8:00AM – 10:00AM | 10th Final Exam 8:00AM – 10:00AM | 11th No class | |

***Note:** This schedule is tentative and may be altered as deemed necessary by the instructor. If there are any changes, they will be announced in class and/or via a Blackboard announcement.*