

South Plains College

Math 0314 1314 - College Algebra with Support Course

Section C151

SUMMER 2025

Jacqueline Fowler

I. Common Course Syllabus – Math Department Policies

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Number: MATH 0314

Course Number: MATH 1314

Course Title: College Algebra Support Course

Course Title: College Algebra

Available Formats: conventional/flex and internet

Campuses: Levelland, Plainview Center, Lubbock Downtown Center

Course Description: Math 0314 is to be taken concurrently with MATH 1314. Background topics which are necessary for a student to successfully complete MATH 1314 will be covered, with an emphasis on fractions, factoring polynomials, functions, exponents, and operating with radical and rational expressions. Math 1314 is an 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: Minimum score of 340 on the TSIA1, minimum diagnostic score of 3 on the TSIA2, successful completion with a grade of 'C' or better in MATH 0315, or successful completion of NCBM-0105.

0314 Credit: 3 **Lecture:** 3 **Lab:** 1

1314 Credit: 3 **Lecture:** 3 **Lab:** 1

This course partially satisfies a Core Curriculum Requirement: 0314 - None
1314 - 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. 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.

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/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.

II. South Plains College Policies

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.

South Plains College policies concerning diversity, disabilities, non-discrimination, Title IX Pregnancy Accommodations, and Campus Concealed Carry Statements can be found here:

<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>.

*****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.**

III. Section Policies

Instructor Information: Jacqueline Fowler
806-716-4640

B022 (LBK Downtown Center - Basement)
jfowler@southplainscollege.edu

Office Hours: by appointment only

Required Materials:

- Access to reliable internet service
- Scientific calculator (TI-30XIIS)
- Access to a printer
- a device with the capability to participate in Zoom meetings with video and audio

Blackboard: Blackboard (Bb) is an online course management system that SPC uses for course information. For technical support, call 806-716-2180 or email blackboard@southplainscollege.edu.

Honorlock: Honorlock is an online proctoring course management system that SPC uses for proctored assignments.

Communication: All emails need to be sent through your SPC email account to my SPC email account. **Do not email me through Bb.** I will try to respond to all emails within 24 hours, but sometimes it may take longer. Emails sent to me after noon on Friday may not receive a response until Monday morning.

- You **must** include your name and class section number on every email.
- Do **not** use your personal email. (I will **only** respond to SPC email addresses.)
- Be professional in your messages. (Do **not** use all caps or text language.)

Dropping the class: If you wish to drop this class, you may submit a drop form online ([online drop form](#)) or you may visit the Student Services Office. **If you are taking this class with a relative or anyone that lives with you, you must notify me immediately. Failure to disclose this information could result in being dropped from the class. If someone other than you logs into your Blackboard account or attempts an exam in your place, you WILL be dropped from this class immediately.**

Grading Formula: The final letter grade for this course will be based on the following:

A	450 – 500 points
B	400 – 449 points
C	350 – 399 points
D	300 – 349 points
F	0 – 299 points

Note-taking tips: All instruction will be given online, so these suggestions will help you be successful.

- Take careful notes from the video.
- “Rewind” the video when you don’t understand things.
- When the instructor tells you to solve a problem or write something down, do it.
- Write down questions in your notes when you don’t understand something.
- Contact the instructor for help and clarification.

Homework: Homework is for practice only and will not be counted for a grade. Homework will prepare you for exams, so it is very beneficial to complete all questions.

Extra Credit: There are quizzes in Blackboard to complete for extra points. Extra Credit must be completed by the deadlines, and will NOT be accepted late for ANY reason. **No exceptions!**

Exams: Five exams will be given this semester with the last exam being a comprehensive final exam. Three exams will be proctored by me through zoom. Two exams will be proctored using Honorlock in Blackboard. **If there are any concerns on the integrity of the work on any exam, you will be required to meet with me and work problems in front of me.** There are no make-up exams. If you miss an exam in zoom or do not complete an exam by the deadline in Blackboard, you will receive a zero. The final exam may be used to replace a missed exam.

Guidelines for proctored exams: If any ONE of the following guidelines are not followed, you will receive a zero on your exam.

- You must show your workspace in camera view.
- You must sit at a table or desk and your computer must be 3 feet or more away from you.
- Your hands must stay on top of the table or desk.
- Your video and audio must stay on at all times.
- During exams, you must keep your eyes on the computer or paper and not look around the room.
- You must put your cell phone face down in the camera view and you are not allowed to use it. Once you pick up your cell phone to scan and upload your work, you are NOT allowed to write anything else on your paper.
- Your calculator must be in camera view. You must include a picture of your calculator with your exam work.
- Other people are not allowed on camera, and you may not talk to another person.
- Hats and headphones of any kind are not allowed.
- Once you start the exam, you are not allowed to move out of the camera view.
- No foul language or loud noises on camera. You must be in a quiet location.
- Dress appropriately. Revealing clothing is not allowed.

Showing Work: To receive full credit on exams, 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. When grading, I will be looking for the steps given in the Blackboard videos. **Cell phones are not to be used to get answers on any coursework at any time.**

Academic Dishonesty: Academic dishonesty will not be tolerated. Please see the list of things that constitute plagiarism and cheating in the general 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.

Tentative Course Outline -- any changes will be posted in Blackboard

****All assignments are available at the beginning of the semester so you can get ahead to avoid missing deadlines.**

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	2-Jun 2.1	3-Jun 2.2	4-Jun 2.3	5-Jun 2.4	6-Jun 3.1	7-Jun Study Skills #1	8-Jun Study Skills #2
2	9-Jun 3.2	10-Jun 3.3	11-Jun 3.4	12-Jun 3.5	13-Jun	14-Jun	15-Jun Study Skills #3
3	16-Jun Exam 1	17-Jun 4.1	18-Jun 4.2	19-Jun Holiday	20-Jun 4.3	21-Jun Study Skills #4	22-Jun Study Skills #5
4	23-Jun 4.4	24-Jun 4.5	25-Jun 4.6	26-Jun 4.7	27-Jun 5.1	28-Jun	29-Jun Study Skills #6
5	30-Jun 5.2	1-Jul Exam 2	2-Jul 6.1	3-Jul 6.2	4-Jul Holiday	5-Jul Study Skills #7	6-Jul Study Skills #8
6	7-Jul 6.3	8-Jul 7.1	9-Jul 7.2	10-Jul 7.3	11-Jul	12-Jul	13-Jul Study Skills #9
7	14-Jul	15-Jul	16-Jul Exam 3	17-Jul 8.1	18-Jul 8.2	19-Jul Study Skills #10	20-Jul Study Skills #11
8	21-Jul 8.3	22-Jul 8.4	23-Jul 9.1	24-Jul 9.2	25-Jul 9.3	26-Jul	27-Jul Study Skills #12
9	28-Jul 9.4	29-Jul	30-Jul Last Day to Drop	31-Jul Exam 4	1-Aug	2-Aug	3-Aug
10	4-Aug	5-Aug Final Exam	6-Aug	7-Aug			