



Math 0314 – Support Course Online
Math 1314 – College Algebra Online
Fall 2019

Instructor Information: Jacqueline Fowler RC 223 E (Reese Campus - Building 2)
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Office Hours:

Monday	Tuesday	Wednesday	Thursday	Friday
8:00 – 8:30	8:00 – 8:30	8:00 – 8:30	8:00 – 8:30	8:00 – 10:00
10:15 – 11:00	10:15 – 11:00	10:15 – 11:00	10:15 – 11:00	
5:00 – 6:00 pm (virtual)				

Course Description: The Support Course (Math 0314) portion of the course will include the study of signed numbers, order of operations, polynomials, relations and functions, inequalities, algebraic expressions and equations (absolute value, polynomial, radical, rational), with a special emphasis on linear and quadratic expressions and equations. The College Algebra (Math 1314) portion of the course will include in-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions and systems of equations using matrices.

Course Outcomes:

Upon successful completion of Math 0314, students will:

- Define, represent, and perform operations on real numbers.
- Use order of operations to simplify an expression.
- Use exponent rules to simplify an expression.
- Add, subtract, multiply, and divide polynomials.
- Recognize, understand, and analyze features of a linear equation and a function.
- Recognize and use algebraic properties, concepts, procedures (including factoring), and algorithms to combine, transform, and evaluate absolute value, polynomial, rational, and radical expressions.
- Identify and solve linear, absolute value, polynomial, rational, and radical equations.
- Identify and solve linear inequalities.

Upon successful completion of Math 1314, students will:

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

Core Objectives:

Communication Skills

- Develop, interpret, and express ideas through written communication
- Develop, interpret, and express ideas through oral communication
- Develop, interpret, and express ideas through visual communication

Critical Thinking

- Generate and communicate ideas by combining, changing, and reapplying existing information
- Gather and assess information relevant to a question
- Analyze, evaluate, and synthesize information

Empirical and Quantitative Competency Skills

- Manipulate and analyze numerical data and arrive at an informed conclusion
- Manipulate and analyze observable facts and arrive at an informed conclusion

Textbook / MyMathLab: No textbook is required. MyMathLab will not be used for this course.

Required Materials: notebook paper (to be turned in without spiral edges), scientific or graphing calculator, pencils

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

Attendance Policy: Attendance and effort are the most important activities for success in this course. Your attendance is monitored through completion of assignments. **If you miss any 6 assignments, you may be dropped from this class and receive an X or F.** If you wish to drop this class, you must contact Student Support Services as soon as possible. Until the drop is officially processed, you will continue to be on my class roll and could be dropped by me if you miss the maximum number of assignments.

Communication: I will do my best to respond to all emails within 24 hours. Responses may take longer over the weekend. Do not use all CAPS or text language in your emails, and make sure to sign your name and class on EVERY email.

Netiquette: Professionalism, respect, and courtesy are required at all times. **NO PROFANITY** under any circumstances in any situation. Confrontational behavior will NOT be tolerated, and you will be dropped from this course immediately to receive an X or F at the instructor's discretion.

General Info / Extension of deadlines: Please make note of all deadlines on the outline in Blackboard. You should ALWAYS stay days ahead of schedule so that if you have any issues, it can be resolved before the deadline. Issues cannot be resolved after the deadline. NEVER wait until the last minute to complete an assignment. Computers seem to have issues when you are in a hurry to meet a deadline.

Tutoring/Videos: To help you with the lessons, there are videos in Blackboard. You also have access to free tutoring on any SPC campus and online using TutorMe.

Homework: Homework will be assigned for all sections covered in the course. Homework should be completed on notebook paper. Write down the problems, and show your work. Make sure your homework has a title (the section number) and your name at the top. Scan each homework section in a separate file, but you can attach all the homework files in one email to me. All homework assignments have the answers listed so you can check your answers and make sure you are working the problems correctly. Homework will be checked for completion only and will not be assigned a grade. Homework assignments that have 1 or 2 missing problems will still be counted as complete. Homework assignments that have 3 or more problems missing will NOT be counted as complete. Any problems that are missing work will not be counted. For each completed homework assignment, one point will be added to the next exam grade. For example, if you complete homework for sections 3.1 and 3.2, then you will get 2 points added to Exam 3. Since homework is for bonus points only, it will not be accepted late.

Labs: Several assignments must be turned in for a grade. These will be posted Blackboard under Labs. Labs may be printed and work shown under each problem. Scan and email the labs to me. Each lab must be scanned in a different file, but can be attached in the same email as homework.

Exams: There will be several exams throughout the semester. These are found in Blackboard under exams. You will be allowed only one attempt on each exam. Exams should be completed on notebook paper. Write down the problems, and show your work. Once the exam is submitted, scan and email your work to me within 10 minutes. If the work is received more than 10 minutes after the submission, it will not be accepted. Your work is at least half of your exam grade, so you will fail the exam if your work is submitted late. Exam 3 and the Final Exam are both comprehensive.

Proctored Exams: Exam 3 and the Final Exam will be proctored exams. You will have 2 hours to complete Exam 3 and 2 hours to complete the Final Exam. If you live within 50 miles of the Reese Campus, you will come to the Reese Campus to test. There are 2 times to choose from for Exam 3 and 2 times to choose from for the Final Exam. The dates and times are listed on the Course Calendar. If you live outside of 50 miles of the Reese Center, you will be required to find your own proctor and test on the dates given on the Course Calendar. All proctors MUST BE APPROVED by the instructor. The proctor cannot be a relative or friend or anyone with a conflict of interest. There is a proctor approval form in Blackboard that will have to be completed by you and the proctor. This form is due on Friday, Sep 6. If you are finding your own proctor, you will need to get on that right away! TI-89, TI-92, and TI-Nspire calculators along with cell phones, smart watches, or other electronic devices will not be allowed during the two proctored exams.

Grading Scale:

A: 90 – 100	Labs	10 %
B: 80 – 89	Exams	70 %
C: 70 – 79	Final Exam	20 %
D: 60 – 69		
F: 59 and below		

Academic Integrity: The attempt of any student to present as his or her own any work which he or she has not honestly performed is regarded by the faculty and administration as a serious offense and renders the offender liable to serious consequences, possibly suspension. For more detail, see p. 22 of the South Plains College General Catalog.

Diversity Statement: In this class, the teachers 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.

Non-Discrimination Statement: 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.

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. For more information, call or visit the Disability Services Office at, Reese Center Building 8, 806-716-4675.

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 Crystal Gilster, Director of Health and Wellness at 806-716-2362 or email cgilster@southplainscollege.edu for assistance.

Campus Concealed Carry Statement: South Plains College permits the lawful carry of concealed handguns in accordance with Texas state law, and Texas Senate Bill 11. Individuals possessing a valid License to Carry permit, or the formerly issued Concealed Handgun License, may carry a concealed handgun at all campus locations except for the following: natatorium. For a complete list of campus carry exclusions zones by event, please visit <http://www.southplainscollege.edu/campuscarry.php>