

**South Plains College**  
**Common Course Syllabus: MATH 1314**  
**Spring 2020**

**Department:** Mathematics, Engineering, and Computer Science

**Discipline:** Mathematics

**Course Number:** MATH 1314

**Course Title:** College Algebra

**Available Formats:** conventional, internet, and ITV

**Campuses:** Levelland, Reese, Plainview, Lubbock Center, and Dual Credit

**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:** Minimum score of 350 on the TSIA, TSI-exempt status, or a successful completion with a grade of 'C' or better in MATH 0320.

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

**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:** 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 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 SPC 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 card! The gift card 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.

# Math 1314

## Online College Algebra

### Spring 2020

Please Print for Quick Reference

#### Instructor Information

##### Name

Traci Sanders

##### E-mail Address

[tsanders@southplainscollege.edu](mailto:tsanders@southplainscollege.edu)

Once class begins, all email should be sent via **Blackboard**.

##### Office

Reese Campus, Building 2, Room 223-C

##### Office Phone Number

(806) 716-4616

#### Blackboard Web Site

<https://southplainscollege.blackboard.com>

This course is an online course, which means that you will access course information and correspond with me through the use of the Internet. I use Blackboard to deliver and manage this course.

#### Required Materials

##### 1. MyMathLab Student Access Code for College Algebra 7<sup>th</sup> Edition by Blitzer

This access code is available at either SPC Bookstore (Levelland campus or Reese Center) or online at: <https://register.pearsoncmg.com/reg/buy/coursebuy.jsp?jsessionid=CerbB2tv4DJhmAHYcaWwx9GAaV3Zdtq8ZOewmIOR2UdjdYwK2sQ!-2110088019>.

Do not use this link if you plan to purchase a hard-copy textbook. Before you purchase a hard-copy textbook, please know that the entire textbook (including answers to the odd-numbered exercises) is available via **MyMathLab (MML)**. This means that you can opt NOT to purchase a hard copy of the textbook and purchase only the **Student Access Code**. Many of you prefer to have a textbook in hand, so please read the textbook information under **Optional Materials** before you purchase.

##### 2. Calculator

You will need a calculator for this course. It can be a scientific or graphing calculator. If you choose to buy a graphing calculator, I recommend the TI-83, TI-83 Plus, TI-84 Plus, or TI-84 Plus Silver Edition.

The following TI graphing calculator models are not allowed in this class: TI-Nspire, TI-89, TI-92

##### 3. Webcam

South Plains College is in the process of getting Proctorio, an online proctoring tool. As soon as this tool is available, we will be using it in this course during quizzes. Proctorio requires students to have a webcam. If the computer you will be using does not have a webcam, you will need to purchase one.



I encourage you to register for this class immediately in MyMathLab. You can use temporary access for free for 14 days before having to purchase. Using the temporary access is a good idea in case you decide to drop the course before the free access period is over. Once you buy the Student Access Code, you will not be able to return it! Class begins on January 13. This means that you should be ready to do math on January 13.

### Things You Need in Order to Register in MyMathLab

- Student Access Code (will be needed before the 14 day free access runs out)
- Instructor's Course ID: **sanders47426**
- Email Address

### Follow These Steps for a Painless Registration Procedure

(There is a document in Blackboard titled "MML Registration Instructions" that you can print.)

- Go to <https://www.pearsonmylabandmastering.com> and click Student under Register on the right.
- Follow the on-screen instructions to enter your Student Access Code or use the free trial. Type in the **Instructor's Course ID**, provide contact information, and create a **Login Name** and **Password**. Please use the same first and last name that is on file with South Plains College! Capitalize the first letter of your last name and the first letter of your first name when you register.

After you have registered and enrolled, you are ready to login to your **MyMathLab** course. Until the first day of class, you will not have access to actual course materials, but you may be able to access the **Browser Check**.

### To Login and Access Your Course in MyMathLab

- Go to <https://www.pearsonmylabandmastering.com> and click the Sign in button on the right.
- Enter the **Login Name** and **Password** you created during registration.
- You will be taken to **My Courses**. Simply click the name of your course to begin exploring **MyMathLab**!

Course name: **1314.151 – Sp 20**

- Once you have logged in and accessed your course, the first order of business is to do the **Browser Check**. This wizard will test for and install the required plug-ins so that **MyMathLab** works properly on your computer. You must do the **Browser Check** on every computer on which you plan to use **MyMathLab**.

## Optional Materials

### 1. Hard Copy of College Algebra 7th Edition by Robert Blitzer

This textbook is available in multimedia e-form as a part of **MyMathLab**. If you prefer to own a hard copy, please purchase a textbook containing a **MyMathLab Student Access Code**. If you order books online to purchase or rent, double-check that the **MyMathLab Code** is included.

## 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 "Academic Integrity" and "Student Conduct" in the South Plains College General Catalog.

You are expected to work alone on all quizzes and tests. You are not allowed to use any electronic device other than your calculator during a quiz or test. If you choose to cheat, you will be withdrawn immediately from this class with a grade of "F."

### Computer Issues

If your personal computer becomes "disabled," there are open computer labs on the Lubbock, Levelland, and Reese campuses that you may use to access Online College Algebra. Please remember that it is your responsibility to have a back-up plan in case your computer goes down. Please have this plan in place now and do not wait until it is a crisis situation. Quiz and/or homework deadlines will not be altered if you have computer problems.

### Assignment Policy

#### Homework

Graded homework assignments for each section of the course are located in **Required Homework** on **MyMathLab**. Even though you will be entering answers online, you should work out the problems on paper in an organized manner. This will help you be prepared for quizzes and tests. Also, you can use the homework problems on paper as reference during quizzes. There are also homework assignments for each section out of the textbook. The textbook assignments will not be turned in or graded. These assignments can be found at the end of each set of **Lecture Notes**. **Lecture Notes** are located within the **Units in Blackboard**. You can also access a document containing all of the textbook assignments within **Text Assignments in Blackboard**. After completing the **Required Homework** in **MyMathLab** for a grade, you may want to work the textbook problems for more practice. I have assigned only odd-numbered problems from the textbook so that you can check your answers in the back of the textbook. If you do not have a hard-copy textbook, the answers for the odd-numbered problems can be found in **MyMathLab** by expanding **Chapter Contents** and clicking on **Student Solutions Manual**.

Online homework can be submitted multiple times until the assignment deadline. If you miss a question, please redo that question by clicking the Similar Exercise button until you succeed. You should settle for nothing less than 100% on each online homework assignment. After each homework session, click the **Save** button to insure that your score is saved correctly. Check the **Course Calendar** in **Blackboard** for each homework's deadline. There is an orientation homework assignment due Wednesday, January 15 by 11:59 pm to help you learn how to enter answers in MML.

#### Orientation Homework Assignment

Unit 1 Homework Assignments: 1.1, P.5, 1.2, 1.4, 1.5, 1.6, 1.7

Unit 2 Homework Assignments: 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8

Unit 3 Homework Assignments: 3.1, 3.2, 3.3, 3.4, 3.5, 3.6

Unit 4 Homework Assignments: 4.1, 4.2, 4.3, 4.4

Unit 5 Homework Assignments: 5.1, 5.2, 6.1, 6.5

#### Quizzes

There will be a quiz over each unit. All five quizzes are administered online via **MyMathLab**. However, you will work the problems out on paper, scan your work, and upload it to Blackboard right after you submit the quiz. If you do not have a scanner, there is a mobile app called "scannable" that you can try. I need to receive your work within 30 minutes after you submit the quiz. If I do not receive your work within 30 minutes, you may receive a 0 on the quiz. If your answers on MML are correct, but your work is not correct, you will not receive credit for those problems. To access a quiz, choose **Required Quizzes** from the course menu. A link to the quiz will be found at the top of the page not under the heading Sample Tests and Quizzes. You will have 2 hours to complete each quiz. Quizzes must be taken in one sitting. Make sure you have 2 uninterrupted hours. You will not be able to access assignments or the book in MyMathLab during the quiz. You are not allowed to use any electronic

devices during quizzes! As soon as Proctorio (an online proctoring tool) is ready, it will be used to proctor your quizzes. Check the **Course Calendar** for quiz deadlines. **These deadlines are non-negotiable.**

### Quiz Study Guides

An outline of quiz contents can be found in the **Unit Study Guides** provided in each **Unit** in **Blackboard**. Look over the study guide before beginning each unit. Once you have completed all homework assignments for a unit, go back to the study guide, and use it to help prepare for the quiz.

### Test-Taking

The midterm and final will be paper-pencil exams and will be proctored. You will have 2 hours to complete the midterm and 2 hours to complete the final. You will be allowed one 8.5 inch x 11 inch sheet of paper with notes on front and back and a calculator (not a TI-Nspire, TI-89, or TI-92). You will not be allowed cell phones, smart watches, or any other electronic devices. If you live within 50 miles of the Reese Center, you will come to the Reese campus to test. There are 3 times to choose from for the midterm and 3 times to choose from for the final. The dates and times are given on the **Course Calendar**. Each date will have 30 seats available. To reserve your spot, go to [go.oncehub.com/denisej](http://go.oncehub.com/denisej) and click on Midterm. Choose your day for the midterm. Once you finish entering your information, you will be directed back to the page with midterm and final on it. This time click on final, and choose your day for the final. There are 2 other classes that will also be testing at these times. Thus, you want to choose your dates as soon as possible. If you live outside of 50 miles of the Reese Center, you will be required to find your own proctor and test on one of the dates given on the **Course Calendar**. 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. If you are testing at the Reese Center, you only need to complete Section I of the proctor form. This form is due on Monday, February 3. If you are finding your own proctor, you will need to get on that right away!

Midterm – covers Units 1 and 2 – Study Quiz 1 and Quiz 2 – March 4, March 5, or March 6

Final – covers Units 3, 4, and 5 – Study Quiz 3, Quiz 4, and Quiz 5 – May 4, May 5, or May 6

### Attendance Policy

You are expected to actively participate in this class weekly. Attendance is monitored through the completion of assignments. If you miss 6 assignments or you miss the midterm, the instructor may withdraw you from the course with a grade of X. Just logging in does not keep you compliant. You must be turning in work!

### Withdrawal

Expect to be administratively withdrawn from this class with an X for either of the following reasons:

1. you fail to submit six assignments
2. you fail to take the midterm

If you wish to withdraw yourself from this class for any reason, you must initiate the appropriate steps on your own. If you live in the South Plains College service area, you are required to go to the Admissions Office at one of our campuses to withdraw from class. We have campuses at Levelland, Reese Center, Lubbock Center, and Plainview. If you live outside of the SPC service area, contact Amanda Morin in Admissions to get assistance for submitting student withdrawals from a distance. Ms. Morin's email is [amorin@southplainscollege.edu](mailto:amorin@southplainscollege.edu), and her phone is (806) 716-2570.

### E-Mail throughout the Course

Any questions or comments should be sent using **Blackboard** email. Please check your **Blackboard** email *daily* for class reminders and announcements. If I request a reply email from you, please reply

promptly. Because **Blackboard** is limited in its ability to handle math symbols easily, I will reply to your math questions in pdf form using an attachment in **Blackboard** email.

## Contact with Instructor

### Office Hours

Monday	Tuesday	Wednesday	Thursday	Friday
10:15 – 11:45	10:15 – 11:00 12:45 – 1:15	10:15 – 12:15	10:15 – 11:00	8:30 – 11:00
Appointments are available for other times.				

### Response Times

I will do my best to respond to your email within 24 hours of receipt. Please do not wait until the last minute to do homework or to ask questions before a quiz or test.

## Grading Policy

Your final grade will be calculated as follows:

<i>Homework Average</i>	<i>5%</i>
<i>Quiz Average</i>	<i>35%</i>
<i>Midterm</i>	<i>30%</i>
<i>Final</i>	<i>30%</i>

Your final course grade is based on the usual grade distribution:

**A (100 – 89.5)   B (89.4 – 79.5)   C (79.4 – 69.5)   D (69.4 – 59.5)   F (59.4 – 0)**

You may access your grades at any time during the course on MyMathLab by clicking on Gradebook. If you have an assignment that says past due, that assignment has not been included in calculating the overall average. Once I submit a zero for the assignment, then it will be included in the average. The column titled “Overall Score” is your average. Work hard throughout the semester! Do not ask for extra points at the end of the course. You must *earn* all points that you receive.

## Math Resources

- **Me** – Please don't be afraid to ask me for help. Please send email through **Blackboard**. You can also call or visit me during my office hours.
- **MyMathLab** – This program contains infinite practice problems (with step-by-step help), tracked tutorial exercises, review exercises, practice tests, and an interactive multimedia textbook. Take advantage of all the excellent tools that **MyMathLab** provides!
- **Peer Tutors** – Peer tutors are available for free to any SPC student. Every South Plains College campus has peer tutors available. As soon as math tutors are scheduled, I will post the information in the Peer Tutors link in **Blackboard**.

## Technical Support

**Blackboard:** Student support is available by emailing [blackboard@southplainscollege.edu](mailto:blackboard@southplainscollege.edu) or calling 716-2180. When emailing a request for help, include your full name, course(s) enrolled in, name of instructor(s) and a phone number where you can be reached. There are Blackboard video tutorials available at <http://ondemand.blackboard.com/students.htm>.

**MyMathLab:** <http://pearsonmylabandmastering.com/students/support>

You can email or chat online. The chat online is the fastest way to reach them.

**College Algebra Course Calendar**  
**Spring 2020**

This calendar is designed to help you stay on track and manage your time. Weekend days are not included on the calendar but should be used to catch up if you fall behind or work ahead if you wish. Deadlines are highlighted in yellow and are non-negotiable. Excellent time management is critical to successful course completion!

	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
1	Jan 13 Section 1.1 Day One Checklist	Jan 14 Section 1.1	Jan 15 Section P.5 Orientation HW Due	Jan 16 Section P.5	Jan 17 Section 1.2 1.1, P.5 HW Due
2	Jan 20 Martin Luther King Day Holiday	Jan 21 Section 1.2	Jan 22 Section 1.4	Jan 23 Section 1.4	Jan 24 Section 1.5 1.2, 1.4 HW Due
3	Jan 27 Section 1.5	Jan 28 Section 1.5	Jan 29 Section 1.6	Jan 30 Section 1.6	Jan 31 Section 1.6 1.5, 1.6 HW Due
4	Feb 3 Section 1.7 Proctor Form Due	Feb 4 Section 1.7 1.7 HW Due	Feb 5 Quiz 1 Due	Feb 6 Section 2.1	Feb 7 Section 2.1
5	Feb 10 Section 2.2	Feb 11 Section 2.2 2.1, 2.2 HW Due	Feb 12 Section 2.3	Feb 13 Section 2.3	Feb 14 Section 2.4

6	Feb 17 Section 2.4 2.3, 2.4 HW Due	Feb 18 Section 2.5	Feb 19 Section 2.5	Feb 20 Section 2.6	Feb 21 10 Section 2.6
7	Feb 24 Section 2.6 2.5, 2.6 HW Due	Feb 25 Section 2.7	Feb 26 Section 2.7	Feb 27 Section 2.8	Feb 28 Section 2.8 2.7, 2.8 HW Due
8	Mar 2 Quiz 2 Due	Mar 3 Study for Midterm!!	Mar 4 Midterm 11:00 – 1:00 Reese Center Room 233	Mar 5 Section 3.1 Midterm 5:30 – 7:30 Reese Center Room 233	Mar 6 Section 3.1 Midterm 10:00 – 12:00 Reese Center Room 233
9	Mar 9 Section 3.2	Mar 10 Section 3.2	Mar 11 Section 3.3 3.1, 3.2 HW Due	Mar 12 Section 3.3	Mar 13 Section 3.4
10	Mar 16 Spring Break	Mar 17 Spring Break	Mar 18 Spring Break	Mar 19 Spring Break	Mar 20 Spring Break
11	Mar 23 Section 3.4 3.3, 3.4 HW Due	Mar 24 Section 3.5	Mar 25 Section 3.5	Mar 26 Section 3.5	Mar 27 Section 3.6
12	Mar 30 Section 3.6 3.5, 3.6 HW Due	Mar 31 Quiz 3 Due	Apr 1 Section 4.1	Apr 2 Section 4.1	Apr 3 Section 4.2
13	Apr 6 Section 4.2	Apr 7 Section 4.3	Apr 8 Section 4.3	Apr 9 Section 4.4	Apr 10 Section 4.4

	4.1, 4.2 HW Due				
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14	Apr 13 <b>Easter Holiday</b>	Apr 14 Section 4.4 4.3, 4.4 HW Due	Apr 15 Quiz 4 Due	Apr 16 Section 5.1	Apr 17 Section 5.1
15	Apr 20 Section 5.2  Online Registration Opens	Apr 21 Section 5.2 5.1, 5.2 HW Due	Apr 22 Section 6.1	Apr 23 Section 6.1  Last Day to Drop	Apr 24 Section 6.1
16	Apr 27 Section 6.5	Apr 28 Section 6.5 6.1, 6.5 HW Due	Apr 29 Quiz 5 Due	Apr 30 Study for Final!!	May 1 Study for Final!!
17	May 4 <b>Final Exam 1:00 – 3:00 Reese Center Room 233</b>	May 5 <b>Final Exam 10:15 – 12:15 Reese Center Room 233</b>	May 6 <b>Final Exam 5:30 – 7:30 Reese Center Room 233</b>	May 7	May 8