

South Plains College
Common Course Syllabus: MATH 1314
Revised December 2019

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.

* The submission of the syllabus receipt is required.

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

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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 1314 – College Algebra

Section: 152/451, Online

“Intelligence plus character – that is the goal of true education.” – Dr. Martin Luther King, Jr.

“Hard work is required, but must also produce value.” – Norman Chaffee

“True knowledge exists in knowing that you know nothing.” – Socrates

“There is no end to education. It is not that you read a book, pass an examination, and finish with education. The whole of life, from the moment you are born to the moment you die, is a process of learning.” – Jiddu Krishnamurti

“In the United States, we experience many freedoms. Two of these freedoms include the freedom to succeed and the freedom to fail. Which one will you choose?” – Alan Worley

Instructor: Sheyleah V. Harris-Plant, Ph.D.

Office: Levelland Math Building 120

School Mobile Phone: (806) 478-2093

Email: sharris@southplainscollege.edu; Once class begins, all email should be sent via **Blackboard**

Office Hours: Setting an appointment of your convenience at <https://sharris-8.youcanbook.me>

Blackboard Website: <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. The instructor uses Blackboard to deliver and manage this course. The user name and password should be the same as the MySPC and SPC email.

User name: first initial, last name, and last 4 digits of the Student ID

Password: Original CampusConnect Pin No. (found on SPC acceptance letter)

Required Materials:

1. MyMathLab Student Access Code for College Algebra 7th 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=CerbB2tv4DJhmAHYcaWwX9GAaV3Zdtq8ZOewnnIOR2UdjdYwK2sQ!-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

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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 using Proctorio, an online proctoring tool. We will be using it in this course during quizzes and exams. 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 1 June 2020. This means that you should be ready to do math on 1 June 2020.

Things You Need in Order to Register in MyMathLab

- Blackboard Log-In Information (the MML will be integrated into Blackboard). Click on the link named MyLab Math in Blackboard.
- Student Access Code (will be needed before the 14 day free access runs out)

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

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

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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.

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.

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 Tuesday, June 2 by 11:59 pm to help you learn how to enter answers in MML.

Orientation Homework Assignment

Unit 1 Homework Assignments: 1.1, 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 and will be proctored by Proctorio. All four 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 are mobile apps named "scannable", "Cam Scanner", and "One Drive" that you can try. I need to receive all pages of your work in one pdf file 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. 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!. 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 by Proctorio. 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.

Midterm – covers Units 1 and 2 – Study Quiz 1 and Quiz 2 – June 17

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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. Please email registrar@southplainscollege.edu *from your SPC email* with the following information:

1. Full Name
2. Birthdate
3. Student ID
4. If they are Dropping a class or Withdrawing from all classes
5. Course(s)

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 the instructor request a reply email from you, please reply promptly. Because **Blackboard** is limited in its ability to handle math symbols easily, the instructor will reply to your math questions in pdf form using an attachment in **Blackboard** email.

Response Times

The instructor will do their 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.

Disclaimer

To successfully complete the course objectives, the students must already be prepared to factor algebraic expressions, reduce, add, subtract, multiply, divide, and simplify rational expressions, and simplify, add, subtract, multiply and divide exponential and radical expressions.

Final Grading Policy

All grades are rounded from the tenths place. Upon the submission of grades at the end of the semester, **ALL GRADES ARE FINAL!**

Grading Scale

89.5 to 100 A
79.5 to 89.4 B
69.5 to 79.4 C
59.5 to 69.4 D
59.4 to 0 F

Assignment Weights

Homework Average 10%
Quiz Average 40%
Midterm 25%
Final 25%

You may access your grades at any time during the course on Blackboard by clicking on the Grade Book Link. I will not be using the MyMath Lab 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 summer session!

Do not ask for extra points at the end of the course. You must *earn* all points that you receive.

Resources

- **Me** – Please don't be afraid to ask me for help. I should be your first "line of defense" not your "last resort." 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 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>. You can also get to these videos by logging into Blackboard and clicking "Videos for Students" in the On Demand Help box.

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

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

Course Calendar - Summer I 2020

This calendar is designed to help you stay on track and manage your time. I typed the section numbers in the calendar to give you a plan to follow. However, as long as you meet the deadlines, you do not have to complete all the sections on the day it is listed. You may need to use Saturdays to catch up or get ahead. All deadlines are firm and non-negotiable. You will have two hours to complete each quiz, the midterm, and the final. More details about the assignments are found in the syllabus. Excellent time management is critical to successful course completion!

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	June 1 Sections 1.1 & 1.2 Day One Checklist	June 2 Sections 1.2 & 1.4 Orientation Homework Due	June 3 Section 1.5	June 4 Section 1.6	June 5 Section 1.7 Unit 1 Homework Due 11:59pm
June 7 Quiz 1 Deadline 11:59pm	June 8 Section 2.1	June 9 Section 2.2	June 10 Sections 2.3 & 2.4	June 11 Section 2.5	June 12 Section 2.6
June 14	June 15 Sections 2.7 & 2.8 Unit 2 Homework Due 11:59pm	June 16 Quiz 2 Deadline 11:59pm Study for Midterm	June 17 Midterm Opens at 12:01am Closes at 11:59pm	June 18 Sections 3.1 & 3.2	June 19 Sections 3.3 & 3.4
June 21	June 22 Section 3.5 Last Day to Drop	June 23 Section 3.6 Unit 3 Homework Due 11:59pm	June 24 Quiz 3 Deadline 11:59pm	June 25 Sections 4.1 & 4.2	June 26 Sections 4.3 & 4.4
June 28 Unit 4 Homework Due 11:59pm	June 29 Sections 5.1 & 5.2	June 30 Section 6.1	July 1 Section 6.5 Unit 5 Homework Due 11:59pm	July 2 Quiz 4 Deadline 11:59pm	July 3 Holiday - Happy 4 th Tomorrow!
July 5 Study for Final Final opens at 1:00pm	July 6 Final Exam Closes at 1:00pm				

Unit 1: 1.1, 1.2, 1.4, 1.5, 1.6, 1.7

Quiz 1 covers all the sections in Unit 1.

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

Quiz 2 covers all the sections in Unit 2.

The **midterm** covers all sections in Units 1 and 2.

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

Quiz 3 covers all sections in Unit 3.

Unit 4: 4.1, 4.2, 4.3, 4.4

Unit 5: 5.1, 5.2, 6.1, 6.5

Quiz 4 covers all sections in Units 4 and 5.

The **final** covers all sections in Units 3, 4, and 5.