South Plains College
Department of Mathematics and Engineering
Texan 2 Step College Algebra – MATH 1314.459
Fall 2024 Course Policies

Kaylan K Thompson
Office: M111, Telephone: (806) 716-4886, Email: kthompson@southplainscollege.edu
**Office Hours**: As listed or by appointment.

| Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|
| 9:00 am – 11:00 am<br>1:30 pm – 2:30 pm | | 9:00 am – 11:00 am<br>1:30 pm – 2:30 pm | | 9:00 am – 11:00am |

**Blackboard:** Blackboard is the online course management system that will be utilized for this course. All access to course information and your instructor is through the Internet. This course syllabus, as well as all course materials can be accessed through Blackboard. Login at https://southplainscollege.blackboard.com/. The user name and password should be the same as 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)

Questions regarding Blackboard support may be emailed to blackboard@southplainscollege.edu or by telephone to 806-716-2180.

**Skills Required for an Online Course:**

- Self-motivation and self-discipline to access the course daily and complete assignments in a timely manner
- Self-confidence to contact instructor with questions
- Know basic functionality of a computer and how to connect to the internet
- Know how to and be willing to use SPC email
- Know how to open and print .pdf (Adobe Acrobat) documents
- Be able to access and watch YouTube videos

**Computer Issues:** If your personal computer/internet become "disabled," please remember that it is your responsibility to have a backup plan. Your assignments for this class will have a window of time in which the assignment must be completed. Late work is not accepted. If you wait until the last day to try and complete your assignment and you encounter computer/internet issues, the deadline for completion will NOT be extended. You must plan ahead in order to complete your work under all possible conditions. Early submissions are welcome and encouraged.

**Course Supplies:**

- There is NO book required for this course. All materials are available on Blackboard.
- Required: Working, reliable internet access with the ability to view videos.
- Required: Phone with Gradescope App.
- Required: Scientific Calculator (with log and ln). Suggested TI-30XIIS. They are inexpensive and user friendly. **Graphing calculators are not allowed.**
- Required: Method to print notes and assignments posted on Blackboard.
- Suggested: Notebook paper, graph paper (available to print on Blackboard), hole punch, pencils, erasers, dividers, and a large 3- ring binder. This will keep your course organized so you can easily access all your own work.

**Communication:** All email should be sent to kthompson@southplainscollege.edu, **not through messages in Blackboard**. From Monday through Thursday, I will respond to your email within 24 hours. If you email me after 12 noon on Friday, you may not hear from me until after 9 am Monday morning. I do not guarantee a response to email during SPC scheduled school holidays. Please do not wait until the last minute to do homework, or to ask questions before an exam. You must plan on allowing a reasonable amount of time for the instructor to respond to your questions. If you wait until the last minute, your questions may not be answered before an exam.

**Grading Scale:**

A 90-100 B 80-89 C 70-79 D 60-69 F below 60

**Grades:**

- The grade for this course will be derived from grades from the Fall 2024 semester and the Spring 2025 semester.
- Students will only receive a course grade from SPC for the Spring 2025 semester.
- Grades from unit exams and final exam from the Fall 2024 semester will carry over into the Spring 2025 semester.

**Fall 2024**

- Homework Grades
  - The local teacher / facilitator of the course will be in charge of administering homework grades for the fall semester.
  - Homework grades will not be used for calculating the course grade at SPC.
- Weekly Quizzes
  - The local teacher / facilitator of the course will be in charge of administering weekly quiz grades for the fall semester.
  - Weekly quiz grades will not be used for calculating the course grade in the **fall semester at SPC**.
- Fall Unit Exams 20%
  - Exams will be administered by local teacher/facilitator but will be submitted to Mrs. Thompson for grading.
- Fall Final Exam 10%
  - Final exam will be administered by local teacher/facilitator but will be submitted to Mrs. Thompson for grading.

**Spring 2025**

- Homework Grades
  - The teacher / facilitator of the course will be in charge of administering homework grades for the spring semester.
  - Homework grades will not be used for calculating course grade at SPC.
  - Homework will randomly be collected at the end of each unit for bonus points on unit exams in the **spring semester**.
- Weekly Quizzes 10%
  - Quizzes in the spring will be administered by local teacher/facilitator but will be submitted to Mrs. Thompson for grading.
- Spring Unit Exams 40%
  - Exams will be administered by local teacher/facilitator but will be submitted to Mrs. Thompson for grading.
- Spring Final Exam 20%
  - Final exam will be administered by local teacher/facilitator but will be submitted to Mrs. Thompson for grading.

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|---|---|---|
| Fall Unit Exams | | 20% |
| Fall Final Exam | | 10% |
| Spring Weekly Quizzes | | 10% |
| Spring Unit Exams | | 40% |
| Spring Final Exam | | 20% |
| **Total** | | **100%** |

**Showing Work:** To receive full credit on practice problems and exams, you must show all 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. The format of course materials are:

- The notes have room for problems to be solved on the printed sheet.
- The homework assignments are just a list of problems and will need to be completed on notebook paper.
- On quizzes and exams, please complete all work in the box provided below the problem.

**Assignment Format and Policy:** Homework assignments are given after each lesson. Homework assignments need to be completed on notebook paper. For each question on each assignment:

- Write the question number.
- In solving the problem, show all necessary work.
- Allow enough room around your problem so that it can be easily read.
- Clearly mark your answer.

**Resources:**

- Blackboard is the online course management system that will be used for this course. The course syllabus, handouts for notes, reviews, as well as any other class handouts can be accessed through Blackboard. Your grades will also be posted there. You will want to check Blackboard regularly.
- Free SPC Tutoring is FREE for all currently enrolled students. Make an appointment or drop-in for help at any SPC location or online! Visit the link below to learn more about how to book an appointment, view the tutoring schedule, and view tutoring locations. https://www.southplainscollege.edu/explореprograms/artsandsciences/teacheredtutoring.php
- I am available to help you! Feel free to come by during my office hours or email me at kthompson@southplainscollege.edu .

**Tutoring:**

**SPC Tutors:** Tutoring is FREE for all currently enrolled students. Make an appointment or drop-in for help at any SPC location or online! Visit the link below to learn more about how to book an appointment, view the tutoring schedule, and view tutoring locations.
http://www.southplainscollege.edu/explореprograms/artsandsciences/teacheredtutoring.php

**Tutor.com:** You also have 180 FREE minutes of tutoring with Tutor.com each week, and your hours reset every Monday morning. Log into Blackboard, click on the tools option from the left-hand menu bar. Click on the Tutor.com link and you will automatically be logged in for free tutoring. You may access tutor.com tutors during the following times:
Monday – Thursday: 8pm-8am
6pm Friday – 8am Monday morning
For questions regarding tutoring, please email tutoring@southplainscollege.edu or call 806-716-2538.

**Use of Student Email:** The College provides a free, official, email account to all students to ensure efficient and secure communications between you and the College. Students will be required to use their college-issued email address to communicate with their instructor and all other college personnel, so it is easy to distinguish a student's email form spam. The College expects that students will utilize their college email addresses to send and receive communications with college personnel and will read email on a frequent and consistent basis.

**Course Schedule:** *This schedule is tentative and may be altered as deemed necessary by the instructor.*

| Fall Semester | | | |
|---|---|---|---|
| **Week #** | **No Calculator Allowed or Non-Graphing Calculator Allowed (Recommended TI-30XIIS)** | **Topics**<br>These are split up based on three total class hours per week. This could be:<br>I. Four 45-minute classes per week.<br>II. Two 90-minute classes per week.<br>***Note: Students will need to study and work on assignments outside of scheduled class time.*** | **Notes and Assignment Number** |
| **Week 1: August 26 – August 30** | | | |
| 1 | No Calculator | Course Intro and Expectations | |
| | No Calculator | Operations with Integers | 1.1 |
| | No Calculator | Intro to Fractions; Multiplying and Dividing Fractions | 1.2 |
| | No Calculator | Adding and Subtracting Fractions; Mixed Numbers | 1.3 |
| | No Calculator | Complete Week 1 Quiz Covering Sections 1.1, 1.2, 1.3 | Week 1 Quiz |
| **Week 2: September 2 – September 6** | | | |
| 2 | No Calculator | Exponents and Order of Operations | 1.4 |
| | No Calculator | Evaluating Absolute Value; Mixed Practice | 1.5 |
| | No Calculator | Evaluating Expressions | 1.6 |
| | No Calculator | Solving One-Step and Two Step Linear Equations (include single fraction) | 1.7 |
| | No Calculator | Complete Week 2 Quiz Covering Sections 1.4, 1.5, 1.6, 1.7 | Week 2 Quiz |
| **Week 3: September 9 – September 13** | | | |
| 3 | No Calculator | Solving Multi-Step Linear Equations | 1.8 |
| | No Calculator | Solving Formulas; Solving Abs Value Equations | 1.9 |
| | No Calculator | Solving Linear Inequalities | 1.10 |
| | No Calculator | Solving Compound Inequalities | 1.11 |
| | No Calculator | Complete Week 3 Quiz Covering Sections 1.8, 1.9, 1.10, 1.11 | Week 3 Quiz |
| **Week 4: September 16 – September 20** | | | |
| 4 | No Calculator | Solving Absolute Value Inequalities | 1.12 |
| | No Calculator | Unit 1 Review | U1 Review |
| | No Calculator | Unit 1 Review Continued | U1 Review |
| | No Calculator | **Complete Unit 1 Exam**<br>Exam must be completed and emailed to Professor Thompson by local facilitator by 4pm September 20th | **U1 Exam** |
| **Week 5: September 23 – September 27** | | | |
| 5 | Non-Graphing Calculator | Rules of Exponents (all rules of exp) | 2.1 |
| | Non-Graphing Calculator | More with Rules of Exponents | 2.2 |

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| | Non-Graphing Calculator | Intro to Polynomials; Add, Subtract, Multiply Polynomials (including 2 variables) | 2.3 |
| | Non-Graphing Calculator | Intro to Factoring (GCF, Factor by Grouping) | 2.4 |
| | Non-Graphing Calculator | Complete Week 5 Quiz Covering Sections 2.1, 2.2, 2.3, 2.4 | Week 5 Quiz |
| **Week 6: September 30 – October 4** | | | |
| 6 | Non-Graphing Calculator | Factoring Trinomials | 2.5 |
| | Non-Graphing Calculator | Factoring (Diff of Squares, Sum and Diff of Cubes) | 2.6 |
| | Non-Graphing Calculator | Factoring (Everything) | 2.7 |
| | Non-Graphing Calculator | Solving Polynomials with Factoring | 2.8 |
| | Non-Graphing Calculator | Complete Week 6 Quiz Covering Sections 2.5, 2.6, 2.7, 2.8 | Week 6 Quiz |
| **Week 7: October 7 – October 11** | | | |
| 7 | Non-Graphing Calculator | Simplifying Rational Expressions; Multiplying and Dividing Rational Expressions | 2.9 |
| | Non-Graphing Calculator | Adding and Subtracting Rational Expressions | 2.10 |
| | Non-Graphing Calculator | More with Operations with Rational Expressions | 2.11 |
| | Non-Graphing Calculator | Complex Fractions | 2.12 |
| | Non-Graphing Calculator | Complete Week 7 Quiz Covering Sections 2.9, 2.10, 2.11, 2.12 | Week 7 Quiz |
| **Week 8: October 14 – October 18** | | | |
| 8 | Non-Graphing Calculator | Solving Rational Equations | 2.13 |
| | Non-Graphing Calculator | Unit 2 Review | U2 Review |
| | Non-Graphing Calculator | Unit 2 Review Continued | U2 Review |
| | Non-Graphing Calculator | **Unit 2 Exam – Part 1** Exam must be completed and emailed to Professor Thompson by local facilitator by 4pm October 17th | **U2 Exam – Part 1** |
| | Non-Graphing Calculator | **Unit 2 Exam – Part 2** Exam must be completed and emailed to Professor Thompson by local facilitator by 4pm October 18th | **U2 Exam – Part 2** |
| **Week 9: October 21 – October 25** | | | |
| 9 | Could Include both Calculator and Non-Calculator Parts | Radicals and Rational Exponents (numbers only) | 3.1 |
| | Could Include both Calculator and Non-Calculator Parts | Radicals and Rational Exponents (including variables) | 3.2 |
| | Non-Graphing Calculator | Adding and Subtracting Radicals | 3.3 |
| | Non-Graphing Calculator | Properties of Radicals and Multiplying Radicals | 3.4 |
| | Non-Graphing Calculator | Complete Week 9 Quiz Covering Sections 3.1, 3.2, 3.3, 3.4 | Week 9 Quiz |
| **Week 10: October 28 – November 1** | | | |
| 10 | Non-Graphing Calculator | Dividing Radicals by Rationalizing Denominators | 3.5 |

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| | Non-Graphing Calculator | Complex Numbers; Adding and Subtracting Complex Numbers | 3.6 |
| | Non-Graphing Calculator | Multiplying Complex Numbers (including higher powers with the imaginary base) | 3.7 |
| | Non-Graphing Calculator | Dividing/Rationalizing Complex Numbers | 3.8 |
| | Non-Graphing Calculator | Complete Week 10 Quiz Covering Sections 3.5, 3.6, 3.7, 3.8 | Week 10 Quiz |
| **Week 11: November 4 – November 8** | | | |
| 11 | Non-Graphing Calculator | Solving Equations with Radicals and Rational Exponents | 3.9 |
| | Non-Graphing Calculator | Solving Equations with Multiple Radicals | 3.10 |
| | Could Include both Calculator and Non-Calculator Parts | Unit 3 Review | U3 Review |
| | Could Include both Calculator and Non-Calculator Parts | Unit 3 Review Continued | U3 Review |
| | Non-Graphing Calculator | Complete Week 11 Quiz Covering Sections 3.9, 3.10 | Week 11 Quiz |
| **Week 12: November 11 – November 15** | | | |
| 12 | Could Include both Calculator and Non-Calculator Parts | **Unit 3 Exam** Exam must be completed and emailed to Professor Thompson by local facilitator 4pm November 12th | **U3 Exam** |
| | Non-Graphing Calculator | Relations and Functions | 4.1 |
| | Non-Graphing Calculator | Finding Information from Graphs (increasing, decreasing, intercepts, even, odd etc) | 4.2 |
| | Non-Graphing Calculator | Functional Notation | 4.3 |
| **Week 13: November 18 – November 22** | | | |
| 13 | Non-Graphing Calculator | Operations with Functions | 4.4 |
| | Non-Graphing Calculator | Inverse Functions | 4.5 |
| | Non-Graphing Calculator | Intro to Lines and Slope | 4.6 |
| | Non-Graphing Calculator | Graphing Linear Equations | 4.7 |
| | Non-Graphing Calculator | Complete Week 13 Quiz Covering Sections 4.1, 4.2, 4.3, 4.4, 4.5 | Week 13 Quiz |
| **Week 14: November 25 – November 29 (no quiz this week due to Thanksgiving holiday)** | | | |
| 14 | Non-Graphing Calculator | Equations of Lines; Parallel and Perpendicular Lines | 4.8 |
| | Non-Graphing Calculator | Linear Inequalities in Two Variables | 4.9 |
| | Non-Graphing Calculator | Unit 4 Review | U4 Review |
| | Non-Graphing Calculator | Unit 4 Review Continued | U4 Review |
| **Week 15: December 2 – December 6** | | | |
| 15 | Non-Graphing Calculator | **Unit 4 Exam** Exam must be completed and emailed to Professor Thompson by local facilitator by 4pm December 4th | **U4 Exam** |

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| | Could Include both Calculator and Non-Calculator Parts | Fall Final Exam Review | Fall Final Review |
| | Could Include both Calculator and Non-Calculator Parts | Fall Final Exam Review | Fall Final Review |
| | Could Include both Calculator and Non-Calculator Parts | Fall Final Exam Review | Fall Final Review |
| **Week 16: December 9 – December 13** | | | |
| 16 | Could Include both Calculator and Non-Calculator Parts | **Fall Final Exam**<br>Exam must be completed and emailed to Professor Thompson by local facilitator by 4pm December 10th | **Fall Final Exam** |

***Note:*** *This schedule is tentative and may be altered as deemed necessary by the instructor.*

| **Spring Semester** | | | |
|---|---|---|---|
| **Week #** | **No Calculator Allowed or Non-Graphing Calculator Allowed (Recommended TI-30XIIS)** | **Topics**<br>These are split up based on three total class hours per week. This could be:<br>I. Four 45-minute classes per week.<br>II. Two 90-minute classes per week.<br><br>***Note: Students will need to study and work on assignments outside of scheduled class time.*** | **Assignment** |
| **Week 1: January 13 – January 17** | | | |
| 1 | Non-Graphing Calculator | Review of class policies and expectations. | |
| | Non-Graphing Calculator | Solving Quadratics by Factoring | 5.1 |
| | Non-Graphing Calculator | Solving Quadratics by the Square Root Method | 5.2 |
| | Non-Graphing Calculator | Solving Quadratics by Completing the Square | 5.3 |
| | Non-Graphing Calculator | Complete Week 1 Quiz Covering Sections 5.1, 5.2, 5.3<br>Quiz must be completed and emailed to Professor Thompson by local facilitator by 4pm January 17th | Week 1 Quiz |
| **Week 2: January 20 – January 24** | | | |
| 2 | Non-Graphing Calculator | Solving Quadratics by the Quadratic Formula | 5.4 |
| | Non-Graphing Calculator | Mixed Solving for Quadratics | 5.5 |
| | Non-Graphing Calculator | Solving Quadratic-Like Equations | 5.6 |
| | | Spring Cushion Day | |
| | Non-Graphing Calculator | Complete Week 2 Quiz Covering Sections 5.4, 5.5, 5.6<br>Quiz must be completed and emailed to Professor Thompson by local facilitator by 4pm January 24th | Week 2 Quiz |
| **Week 3: January 27 – January 31** | | | |
| 3 | Non-Graphing Calculator | Graphing Quadratics in Vertex Form | 5.7 |
| | Non-Graphing Calculator | Graphing Quadratics in Standard Form (Completing the Square) | 5.8 |
| | Non-Graphing Calculator | Graphing Quadratics in Standard Form (Using the Formula) | 5.9 |
| | Non-Graphing Calculator | Distance and Midpoint | 5.10 |
| | Non-Graphing Calculator | Complete Week 3 Quiz Covering Sections | Week 3 Quiz |

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| | | 5.7, 5.8, 5.9, 5.10<br>Quiz must be completed and emailed to Professor Thompson by local facilitator by 4pm January 31st | |
| **Week 4: February 3 – February 7** | | | |
| 4 | Non-Graphing Calculator | Circles | 5.11 |
| | Non-Graphing Calculator | Unit 5 Review | U5 Review |
| | Non-Graphing Calculator | Unit 5 Review Continued | U5 Review |
| | Non-Graphing Calculator | **Unit 5 Exam**<br>Exam must be completed and emailed to Professor Thompson by local facilitator by 4pm February 7th | **U5 Exam** |
| **Week 5: February 10 – February 14** | | | |
| 5 | Non-Graphing Calculator | Long Division of Polynomials | 6.1 |
| | Non-Graphing Calculator | Synthetic Division of Polynomials | 6.2 |
| | Non-Graphing Calculator | Roots of Polynomials | 6.3 |
| | | Spring Cushion Day | |
| | Non-Graphing Calculator | Complete Week 5 Quiz Covering Sections 6.1, 6.2, 6.3<br>Quiz must be completed and emailed to Professor Thompson by local facilitator by 4pm February 14th | Week 5 Quiz |
| **Week 6: February 17 – February 21** | | | |
| 6 | Non-Graphing Calculator | Finding Roots with the Rational Zero Theorem Part I | 6.4 |
| | Non-Graphing Calculator | Finding Roots with the Rational Zero Theorem Part II | 6.5 |
| | | Spring Cushion Day | |
| | Non-Graphing Calculator | Graphing Polynomials in Factored Form | 6.6 |
| | Non-Graphing Calculator | Complete Week 6 Quiz Covering Sections 6.4, 6.5, 6.6<br>Quiz must be completed and emailed to Professor Thompson by local facilitator by 4pm February 21st | Week 6 Quiz |
| **Week 7: February 24 – February 28** | | | |
| 7 | Non-Graphing Calculator | Graphing Polynomials in Standard Form Part I | 6.7 |
| | Non-Graphing Calculator | Graphing Polynomials in Standard Form Part II | 6.8 |
| | | Spring Cushion Day | |
| | Non-Graphing Calculator | Graphing Rational Functions Part I | 6.9 |
| | Non-Graphing Calculator | Complete Week 7 Quiz Covering Sections 6.7, 6.8, 6.9<br>Quiz must be completed and emailed to Professor Thompson by local facilitator by 4pm February 28th | Week 7 Quiz |
| **Week 8: March 3 – March 7** | | | |
| 8 | Non-Graphing Calculator | Graphing Rational Functions Part II | 6.10 |
| | Non-Graphing Calculator | Solving Polynomial Inequalities | 6.11 |
| | Non-Graphing Calculator | Solving Rational Inequalities | 6.12 |
| | Non-Graphing Calculator | Unit 6 Review | U6 Review |
| | Non-Graphing Calculator | Complete Week 8 Quiz Covering Sections 6.10, 6.11, 6.12<br>Quiz must be completed and emailed to Professor Thompson by local facilitator by 4pm March 7th | Week 8 Quiz |
| **Week 9: March 10 – March 14** | | | |
| 9 | Non-Graphing Calculator | Unit 6 Review Continued | U6 Review |
| | | Spring Cushion Day | |
| | Non-Graphing Calculator | **Unit 6 Exam**<br>Exam must be completed and emailed to Professor Thompson by local facilitator by 4pm March 13th | **U6 Exam** |

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| | Could Include both Calculator and Non-Calculator Parts | Exponential Equations and Functions | 7.1 |
| **Spring Break: March 17 – March 23** | | | |
| **Week 10: March 24 – March 28** | | | |
| 10 | Could Include both Calculator and Non-Calculator Parts | Logarithmic Functions | 7.2 |
| | Could Include both Calculator and Non-Calculator Parts | Properties of Logs | 7.3 |
| | Could Include both Calculator and Non-Calculator Parts | Solving Exponential Equations | 7.4 |
| | | Spring Cushion Day | |
| | Could Include both Calculator and Non-Calculator Parts | Complete Week 10 Quiz Covering Sections 7.1, 7.2, 7.3, 7.4<br>Quiz must be completed and emailed to Professor Thompson by local facilitator by 4pm March 28th | Week 10 Quiz |
| **Week 11: March 31 – April 4** | | | |
| 11 | Could Include both Calculator and Non-Calculator Parts | Solving Logarithmic Equations | 7.5 |
| | Could Include both Calculator and Non-Calculator Parts | More Practice with Solving Logs and Exponentials | 7.6 |
| | Non-Graphing Calculator | Applications of Exponential Equations | 7.7 |
| | Could Include both Calculator and Non-Calculator Parts | Unit 7 Review | U7 Review |
| | Could Include both Calculator and Non-Calculator Parts | Complete Week 11 Quiz Covering Sections 7.5, 7.6, 7.7<br>Quiz must be completed and emailed to Professor Thompson by local facilitator by 4pm April 4th | Week 11 Quiz |
| **Week 12: April 7 – April 11** | | | |
| 12 | Could Include both Calculator and Non-Calculator Parts | Unit 7 Review Continued | U7 Review |
| | Could Include both Calculator and Non-Calculator Parts | **Unit 7 Exam**<br>Exam must be completed and emailed to Professor Thompson by local facilitator by 4pm April 9th | **U7 Exam** |
| | Non-Graphing Calculator | Solving Systems of Linear Equations in Two Variables (Graphing and Substitution) | 8.1 |
| | Non-Graphing Calculator | Solving Systems of Linear Equations in Two Variables (Addition/Elimination) | 8.2 |
| **Week 13: April 14 – April 18** | | | |
| 13 | Non-Graphing Calculator | Solving Systems of Linear Equations in Three Variables (Addition) | 8.3 |
| | Non-Graphing Calculator | Gauss-Jordan Elimination | 8.4 |
| | Non-Graphing Calculator | Gauss-Jordan Elimination | 8.5 |
| | Non-Graphing Calculator | Complete Week 13 Quiz Covering Sections 8.1, 8.2, 8.3<br>Quiz must be completed and emailed to Professor Thompson by local facilitator by 4pm April 18th | Week 13 Quiz |
| **Week 14: April 21 – April 25** | | | |
| 14 | Non-Graphing Calculator | Cramer's Rule (diagonals) | 8.6 |
| | Non-Graphing Calculator | Nonlinear Systems of Equations | 8.7 |
| | Non-Graphing Calculator | Systems of Inequalities (Linear and Nonlinear) | 8.8 |

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| | Non-Graphing Calculator | Unit 8 Review | U8 Review |
| | Non-Graphing Calculator | Complete Week 14 Quiz Covering Sections 8.4, 8.5, 8.6<br>Quiz must be completed and emailed to Professor Thompson by local facilitator by 4pm April 25th | Week 14 Quiz |
| **Week 15: April 28 – May 2** | | | |
| 15 | Could Include both Calculator and Non-Calculator Parts | **Unit 8 Exam**<br>Exam must be completed and emailed to Professor Thompson by local facilitator by 4pm April 30th | **U8 Exam** |
| | Could Include both Calculator and Non-Calculator Parts | Final Exam Review | Final Review |
| | Could Include both Calculator and Non-Calculator Parts | Final Exam Review | Final Review |
| | Could Include both Calculator and Non-Calculator Parts | Final Exam Review | Final Review |
| **Week 16: May 5 – May 9** | | | |
| 16 | Could Include both Calculator and Non-Calculator Parts | **Final Exam**<br>Exam must be completed and emailed to Professor Thompson by local facilitator by 4pm May 6th | **Final Exam** |

***Note:*** *This schedule is tentative and may be altered as deemed necessary by the instructor.*

**South Plains College**
**Common Course Syllabus: MATH 0314**
**Revised July 2023**

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Number: MATH 0314

Course Title: College Algebra Support Course

Available Formats: conventional, hybrid, and internet

Campuses: Levelland, Downtown Center, and Plainview 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.

Prerequisite: Minimum score of 340 on the TSIA1, minimum diagnostic score of 3 on the TSIA2, a successful completion with a grade of 'C' or better in MATH 0315, or a successful completion of NCBM-0105.

Credit: 3 Lecture: 3 Lab: 1

Textbook: College Algebra with Intermediate Algebra: A Blended Course, Beecher, Penna, Johnson, and Bittinger, 2018, 1st Edition, Prentice Hall/Pearson Education

Supplies: Please see the instructor's course information sheet for specific supplies.

This course partially satisfies a Core Curriculum Requirement: None

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 can not 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, non-discrimination, 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.
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 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.