

**Pre Calculus ~ MATH-2412- 194 & 195**  
**Spring 2023 Course Syllabus**

**Instructor:** Cassidee Wiemers M.ED  
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**Office Hours:** Students may come to tutorials as needed, or by appointment.

**Course Modality:** **Fully Face-to-Face** ~ In this course, classes will be held face-to-face.

**Textbook:** **NO TEXTBOOK IS REQUIRED FOR THIS COURSE!** All resources for the course, including notes, assignments, etc., are available on Google Classroom. However, if you'd like to purchase a textbook to have as an additional resource, the adopted textbook for the course is specified in the later of this syllabus.

**Supplies:** You will need pencils, notebook paper, and a 2" binder to keep track of notes and assignments.

**Technology Requirement:**

You will need access to a working computer or phone with reliable internet access. All homework will be submitted on Google Classroom. It is permissible to submit photos of your work but creating pdfs of your homework and uploading those is the best way to ensure a clear, easy to read/grade document. There are several methods/apps for doing this. A couple of popular apps are CamScanner and Genius Scan.

Students may use a TI-83, TI-84, or TI-89 for the course. There are a limited number of calculators in the classroom. It is my suggestion that you acquire your own.

**Google Classroom:** All information and resources needed for this course are available on Google Classroom. The syllabus, instructor contact information, and all course resources including notes, assignment documents, and lecture videos are stored there. Assignments due dates and exam dates will be posted at then beginning of each unit in Google Classroom. I'll be posting your grades in the gradebook on Google Classroom so that is where you can see what your grade is in the course at any time. You should get into the habit of checking it daily for pertinent information.

**Important Dates:** **Classes begin on January 9<sup>th</sup>.** Other important dates are listed below.

- **March 13-17** Spring Break
- **April 27** Last day to drop Spring semester courses
- **May 10-11** Final Exam Part 1 & Part 2

**Homework** Homework will be assigned regularly and each assignment must be submitted on the day that it is due. Homework will be submitted on Google Classroom. Late homework will not be accepted.

**Exams:** There will be four unit exams given during the semester and a comprehensive, departmental final exam given at the end of the semester. There are no exemptions for the final exam. If you are going to miss a unit exam, contact your instructor immediately, preferably prior to the exam. Makeup exams are given only under extremely rare and documented circumstances. Once you begin an exam, you cannot leave the room until the exam is submitted for grading.

**Grading Scheme:** Your grade in the course will be comprised of scores from the following categories. **This course and its grade will be recorded on your official transcript.** Grades will be posted throughout the semester.

- Exams (Each exam will count 10% for a total of 40%). Exam dates are tentative and will be posted at the beginning of each unit.
- Vocab Quizzes- 10%
- Concept Quizzes- 15%
- HW & Daily Work- 15%
- Comprehensive Final Exam (20%) ~ Wed May 10 & Thurs May 11

**Where to Get Help:** Math can be challenging occasionally. Here are some ways in which you can receive quality assistance.

- As your instructor, I am the best resource for providing assistance.
- **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, get to know the tutors, and view tutoring locations.  
<http://www.southplainscollege.edu/exploreprograms/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 tutor.com link on the left-hand tool bar, click on the tools option from the left-hand menu bar. Then, click on the Tutor.com link and you will automatically be logged in for free tutoring. You can access tutor.com tutors during the following times:
  - Monday – Thursday: 8pm-8am
  - 6pm Friday – 8am Monday morning

**Responsibilities  
& Expectations:**

1. Attend class regularly, be on time, and be prepared to learn.
2. Be attentive, take notes, and fully participate in class.
3. **DO ALL HOMEWORK.** Fully invest yourself in the homework process so that you can maximize your potential to be successful in the course. Do your own work, show all work, and complete the homework early enough that you can seek help if needed. Always turn in your homework on time.
4. Cell phones and any other electronic devices must be silenced and put away while you're in the classroom.
5. Be respectful to others in the classroom and assist in maintaining an optimum learning environment for all. Any student who disrupts the learning environment will be asked to leave and may be dropped from the course.

**South Plains College  
Common Course Syllabus: MATH 2314**

**INSTRUCTOR:** CASSIDEE WIEMERS

**DEPARTMENT:** MATHEMATICS, ENGINEERING, AND COMPUTER SCIENCE

**DISCIPLINE:** MATHEMATICS

**COURSE NUMBER:** MATH 2412

**COURSE TITLE:** PRE-CALCULUS

**AVAILABLE FORMATS:** CONVENTIONAL/FLEX

**CAMPUSES:** LEVELLAND AND DUAL CREDIT

**COURSE DESCRIPTION:** IN-DEPTH COMBINED STUDY OF ALGEBRA, TRIGONOMETRY, AND OTHER TOPICS FOR CALCULUS READINESS.

**PREREQUISITE:** MINIMUM SCORE OF 350 ON THE TSIA, TSI-EXEMPT STATUS, OR A SUCCESSFUL COMPLETION WITH A GRADE OF 'C' OR BETTER IN MATH 1314.

**CREDIT:** 4, LECTURE: 3 LAB: 2

**TEXTBOOK:** PRE-CALCULUS, ABRAMSON, OPENSTAX

**SUPPLIES:** PLEASE SEE THE INSTRUCTOR'S COURSE INFORMATION SHEET FOR SPECIFIC SUPPLIES.

**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.
2. RECOGNIZE AND APPLY ALGEBRAIC AND TRANSCENDENTAL FUNCTIONS AND SOLVE RELATED EQUATIONS.
3. APPLY GRAPHING TECHNIQUES TO ALGEBRAIC AND TRANSCENDENTAL FUNCTIONS.
4. COMPUTE THE VALUES OF TRIGONOMETRIC FUNCTIONS FOR KEY ANGLES IN ALL QUADRANTS OF THE UNIT CIRCLE MEASURED IN BOTH DEGREES AND RADIANS.
5. PROVE TRIGONOMETRIC IDENTITIES.
6. SOLVE RIGHT AND OBLIQUE TRIANGLES.
7. 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 EFFORT ARE THE MOST IMPORTANT ACTIVITIES FOR SUCCESS IN THIS COURSE. THE INSTRUCTOR MAINTAINS RECORDS OF THE STUDENT'S ENGAGEMENT THROUGHOUT THE SEMESTER. THE STUDENT WILL BE ALLOWED TO MISS TWENTY PERCENT (20%) OF CLASS ASSIGNMENTS FOR THE SEMESTER, FOR ANY REASON. SHOULD THIS NUMBER BE EXCEEDED, THE INSTRUCTOR HAS THE RIGHT TO DROP THE STUDENT WITH A GRADE OF F OR AN X, DEPENDING ON THE INSTRUCTOR'S 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

## **4.0 INSTRUCTIONAL POLICIES AND RESPONSIBILITIES**

### **4.1 Course Syllabi**

The syllabus for each course should be reviewed annually and revised as appropriate by the faculty. Instructors are encouraged to think and plan course and units of instruction, i.e., content, methods of presentation, teaching aids, student roles and tests in terms of student behavioral objectives. Student participation in planning, where practical, and their orientation about course plans tend to enhance course relevancy. Copies of syllabi should be filed with the department chairperson and the appropriate dean.

#### **4.1.1 Syllabus Statements**

Each syllabus should include the following Diversity Statement, Disabilities Statement, Non-Discrimination Statement and Title IX Pregnancy Accommodations Statement appropriate to the location of the course.

##### **4.1.1.1. Diversity Statement**

In this class, the teacher will establish and support an environment that values and nurtures individual and group difference 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.

##### **4.1.1.2. Disabilities 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, Lubbock Centers (located at the Lubbock Downtown Center) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

**4.1.1.3 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.

**4.1.1.4 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 Health and Wellness Center. 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 Health and Wellness Center at 806-716-2529 or email [dburleson@southplainscollege.edu](mailto:dburleson@southplainscollege.edu) for assistance.

**4.1.1.5 OPTIONAL STATEMENT - Campus Concealed Carry Statement**

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.



**By signing this, I am verifying that I have read the syllabus, understand its contents, and agree to abide by the syllabus or to support my student in abiding by this syllabus.**

Please sign and return this form.

**STUDENT NAME** (print) \_\_\_\_\_

Student ID # \_\_\_\_\_ Grade \_\_\_\_\_

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Student email address(school email preferred) \_\_\_\_\_

**PARENT/GUARDIAN NAME** (print) \_\_\_\_\_

Parent/Guardian email address \_\_\_\_\_

Preferred DAYTIME parent contact number \_\_\_\_\_

Any additional parent contact number \_\_\_\_\_

Parent Signature \_\_\_\_\_ Date \_\_\_\_\_

**Please detach this page and return to Mrs. Wiemers by January 13, 2023.**