



Reedley College - SUMMER 2016 - Course Syllabus Math 4A, Trigonometry, Section #71561

Instructor: Ms. Monica Cuevas **Class time:** M, T, W, TH; 11:45am–2:35pm **Class Location:** CCI-206
Office hours: by appointment or email **Email:** monica.cuevas1@reedleycollege.edu

Basic Skills Advisories: Eligibility for English 125 and 126

Subject Prerequisites: Math 102 and Math 103 or equivalent. *Students **should not** enroll in this class if they have not fulfilled the prerequisite.*

Required Material:

- **Textbook (Optional):** Lial, Hornsby, Schneider, Daniels, *Trigonometry*, 11th edition.
- **Online Access Code (Required):** Students are required to purchase the MyMathLab access code. The access code can be purchase at the bookstore or online at www.pearsonmylabandmastering.com.
- **Technology:** Students are required to have access to a computer with high-speed internet. Your browser (i.e. Google Chrome, Firefox, etc.) must have specific plug ins. Clearing your cookies and always allowing pop-ups avoids issues. Most computer labs on campus have computer with high-speed internet. **Technology problems are not an excuse to missing homework.**
- **Additional Material:** Students must come to class prepared and ready to work with the following material: 2-3 spiral graph notebooks, pencils, erasers, a non-graphing scientific calculator, and a yellow highlighter.

Attendance and Tardy Policy:

- All students are expected to attend every class, be on time, and stay for the **entire** class.
- Any late arrival and leaving class early will be considered an absent.
- If a student is tardy or absent, it is his/her responsibility to catch up by obtaining notes from a fellow classmate.
- If a student is late it is their responsibility to inform the instructor, so that the absence can be changed to a tardy.
- If a student is absent for 3 or more days (not necessarily consecutive days), then the student will be dropped from the class.
- If a student wants to drop the class, it is their responsibility to drop the class by going to WebAdvisor or Admissions and Records.

Behavioral, Campus, and Class Policy:

Students engaging in disruptive behavior which interferes with the learning of others will be asked to leave the classroom. Such behavior includes engaging in conversation with another student, regular tardiness, sleeping in the classroom, and not following directions. The use of technology in the classroom is prohibited. Cell phone, pagers, or any electronic device must be turned off or silence, and needs to be put away. No earphones/headphones can be worn during class. **Cell phones cannot be used as calculators.** No food or drinks will be allowed in the classroom, except for water.

Plagiarism and Cheating:

Reedley College rules on plagiarism will be enforced. Students that are caught cheating and students that allow others to copy their work will receive 0% on that assignment (homework, chapter exams, final exam, or any other assignment). Using a cell phone during the test will be considered cheating regardless of the reason for using it.

Grading Policy: 25% - Homework 70% - Chapter Exams and Final 5% - In-class Assignments

Homework:

ONLINE HOMEWORK: Online homework will be available at www.pearsonmylabandmastering.com and must be turned in before the deadline. Late online homework loses 30% of the points possible for every day it is late.

HOMEWORK NOTEBOOK: In addition to answering questions online, students must submit the problems worked out on a notebook use exclusively for this class. All homework is due at the beginning of class. To receive full credit all work must be shown and it must be legible. The section number must be written at the top and answers must be in a box or highlighted. Graphs should be drawn neatly, labeled correctly, have a title, and should be drawn to scale. **No LATE homework will be accepted.**

EMERGENCIES: Technology is not an excuse to missing homework. To account for such emergencies two of the lowest homework score will be dropped.

Chapter Exams:

All exams are weighted equally and there will be a total of six to seven exams. To receive full credit students must show all their work and it must be legible. Students that do not show up for the exam will receive 0%. **Students who are caught cheating will receive 0% on the exam.**

EMERGENCIES: If a student knows in advance that they will not be able to take the exam on the schedule date, then they must schedule a time to take the exam in advance. It is the student's responsibility to make arrangements with the instructor at least two days in advance. Students are not allowed to take the exam after the scheduled time.

Final Exam:

The final exam is comprehensive and mandatory. The final exam will be used to replace the lowest chapter exam. A chapter exam cannot replace the final exam. Students that miss the final exam will receive 0% on the final and will not be allowed to makeup the final exam. **Students who are caught cheating will receive 0% on the final exam.**

Important Dates (SUMMER 2016):

- June 20 (M) Start of 6-week Summer Session
- July 4 (M) Independence Day holiday (no classes held, campus closed)
- July 11 (M) Final drop date
- **The final is scheduled for Thursday, July 29 at 11:45am in room CCI-206.**
- July 29 (F) End of 6-week Summer Session

Accommodations for students with disabilities:

- If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact the teacher as soon as possible.
- It is the student's responsibility to schedule their appointments (for tests, finals, etc.) with the DSPS office as soon as they are announced in class. Any special arrangements need to be done in advance and in writing. No last minute or same day arrangements will be tolerated.

Course Descriptions:

This course in trigonometry of the plane concentrates on trigonometric functions and their applications. Topics covered include the trigonometric functions, solution of right triangles, radian measure, fundamental identities, angular measure, graphs, logarithms, functions of composite angles, oblique triangles, trigonometric equations, inverse trigonometric functions, and complex numbers, including powers and roots. The study of polar coordinates and polar equations is also covered.

Course Objectives:

By the end of this course students should be able to:

- Apply the trigonometric functions to solve for the parts of a triangle.
- Evaluate trigonometric functions of both acute and obtuse angles.
- Solve problems involving vectors.
- Apply the concept of radian measure to circular functions.
- Apply trigonometric identities to simplify algebraic expressions and solve equations.
- Apply the concept of polar coordinates to algebraic operations and graphs.
- Apply computing and graphing technology.

❖ Instructor reserves the right to make minor changes to the syllabus.