



Mrs. Angela Hanson and Mrs. Sylvia Wineland

Email: angela.hanson@ankenyschools.org

sylvia.wineland@ankenyschools.org

School Phone: (515) 965-9630

Trigonometry/Pre-Calculus

Course Overview

This course will review and enhance conceptually many of the topics learned in Algebra 2. In addition, students will learn many topics of trigonometry and their applications. Students can receive dual credit with DMACC by successfully completing Pre-Calculus and Trigonometry in spring of 2019. Trig/Pre-Calculus corresponds to MAT129 Pre-Calculus in the DMACC course guide, and students can earn 5 college credits.

Lesson Structure

Instruction will consist of direct instruction, team collaboration, partner work, discovery activities, and use of technology.

Homework Structure

Homework is completed both online and written worksheets. Both are required.

Student Expectations

1. Be reliable
2. Ask for help and help others
3. Choose a positive attitude—attitude is a choice
4. Follow electronics policy
5. Do assigned work on time
6. Create high expectations for yourself—we have them for you!
7. Participate actively
8. Act as a role model—respect the teacher, others and yourself
9. Be prepared to ask questions
10. Be prepared to take notes

Daily Supplies Needed

- 3 ring binder or folder
- White-lined paper or spiral notebook
- Graph paper
- Pen, pencils, dry erase markers
- TI-83 or TI-84 Calculator (not TI-86 or TI-89) *

Grading Scale		
A+ = 100-97%	A = 96-93%	A minus = 92-90%
B+ = 89-87%	B = 86-83%	B Minus = 82-80%
C+ = 79-77%	C = 76-73%	C Minus = 72-70%
D+ = 69-67%	D = 66-63%	D Minus = 62-60%
F = 59-0%		

Grading Practices

90% of your semester grade is composed of

- Tests (60%)
- Quizzes/Checks for Understanding (30%)
- Daily (10%)

10% of your semester grade is the semester project

- Directions will be given halfway through the semester.
- Will have written, visual, and presentation portions.
- Do NOT expect class time to work on the project.
- Presentations will take place during the scheduled semester exam time.
- The **deadline** for the project will be the final exam time.
- NO projects will be accepted after the deadline.
- **NO EXCEPTIONS**

Information about gradebook categories

- **Daily:** Homework will come from a combination of My Math Lab/Delta Math (online component) and worksheets or textbook problems. **ALL** work must be shown in your HW notebook (which will be spot checked on occasion).
- **Quizzes/Checks for Understanding:** Checks for Understanding and quizzes are graded based upon correctness. Quizzes are always announced in advance but checks for understanding are not. Most chapters have a quiz to see how students understand the material. No books or notes may be used on quizzes taken during class time, unless your teacher states otherwise. Be aware, there are topics you will be assessed on where a calculator is not allowed. **No retakes are given on quizzes or checks for understanding.**
- **Tests:** Tests will be given at 9 and 18 weeks of the semester. The specific dates will be announced in advance. All students are expected to take the exam on the announced date unless there have been excessive absences due to an extended illness with a doctor's note. All exams are **cumulative**. No books or notes may be used on tests. Tests are to be completed during the time allowed. Students cannot come back to finish a test that has been started. Students will have optional retakes on a test as long as they meet the requirements outlined within this syllabus. The second test score will be entered into infinite campus even if that test is lower than the first test. **NO EXCEPTIONS.** Retake sheets are available in the classroom and posted in Google Classroom.

NEED HELP?

Math help is available before and after school and during seminar. Check with me and schedule appointments as needed. Ask for help early. Don't wait until you feel completely lost. Talking with me and email are good ways to communicate. Practice the skills being taught daily, ask questions during class, take notes, and pay attention in class. I want each of you to do the very best job you can in your study of mathematics.

DMACC Course

This is a DMACC credit course for **second semester only**. You will not be eligible to enroll in second semester if you do not pass first semester. You will only receive DMACC credit if your second semester grade is a C- or higher.

Advance Absences

Any homework/test/quiz must be completed before your absence, and you must be ready for any homework, test, and/or quiz when you return to class. This is your responsibility.

Multiple and Varied Assessment Opportunities

All students should have multiple and varied assessment opportunities to demonstrate higher levels of achievement.

Additional opportunities may include being reassessed on only the content/skills not mastered, spiraling assessment of content/skill on subsequent assessments, reassessment of an alternate form of an assessment (e.g., Form B instead of Form A), student revisions of work products based on descriptive feedback, or alternative methods of assessments (e.g., an oral response rather than a written test).

Guidelines for reassessment opportunities include the following:

- Students will be provided the opportunity to be reassessed - best practice is to provide additional opportunities for students to demonstrate learning during future assessments.
- Teachers determine appropriateness and authentic need for reassessments.
- Reassessment method will be provided at the discretion of the teacher.
- Reassessments will be given within a reasonable time frame that the teacher determines and students will be communicated with in advance.

Homework / Independent Practice

Homework is an opportunity for students to practice skills, apply knowledge, review and build on past learning, and extend learning. Homework is individualized and based on each student's progress towards established standards. The purpose of the assignment will determine whether or not a grade is given and will be clearly articulated to students. Through independent learning tasks (homework), students assume more responsibility for their learning and are given opportunities to apply what they have learned to new situations or experiences.

Extra Credit and Bonus Points

To ensure that grades reflect progress toward and achievement of the standards, giving extra credit points or bonus points will not occur in this class.

Behavioral Expectations

The work habits/behavior standards are for grades 6-12 courses in our district. These work habits/behavior standards will be reported throughout the semester and are as follows:

- Organization and Readiness
- Productivity and Accountability
- Collaboration Skills

For those of you accessing this document electronically, the work habits tool can be accessed online: [Work Habit Tool Online Link](#). We will be using the following performance levels

Performance Levels for Work Habits/Behavior Standards:

MS = Meets Standard

PM = Partially Meets Standard

DM = Doesn't Meet Standard

NE = No Evidence

These descriptors are intended for feedback and communication and do not impact a student's GPA.

Formative and Summative Assessment:

Definitions

- **Formative Assessment:** Formal and informal processes teachers and students use to gather evidence for the purpose of improving learning.
- **Summative Assessment:** Assessments that provide evidence of student achievement for the purpose of making a judgment about student competence or program effectiveness.

**District Office 306 SW School Street PO Box 189 Ankeny, IA 50021-0189
P: 515.965.9600 F: 515.965.4234 W: ankenyschools.org**

Ankeny Community School District does not discriminate based on race, color, creed, religion, national origin, sex, gender identity, age, disability, marital status, sexual orientation, physical attributes, physical or mental ability or disability, ancestry, political party preference, military affiliation, socioeconomic status, or familial status. Inquiries and grievances may be directed to Dr. Matt Adams, Assistant Superintendent of Organizational Development and Learning, 306 S.W. School Street, P.O. Box 189, Ankeny, Iowa 50021-0189, (515) 965-9600, or the U.S. Equal Employment Opportunities Commission, 500 West Madison Street, Suite 2000, Chicago, IL 60661.