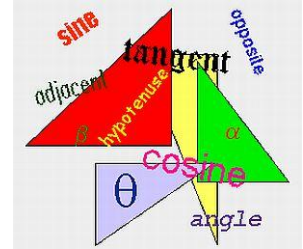


Trigonometry Syllabus (including Grading Blueprint)

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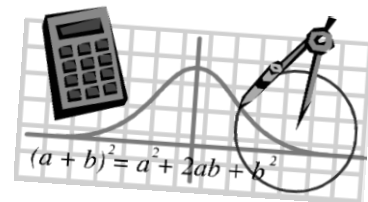


Course Description

Trigonometry is a branch of mathematics that deals with the relationships between the sides and the angles of triangles; the trigonometric functions, and calculations based upon them. The goal of this course is to give you the background necessary to successfully complete a college course in Calculus.

Topic Outline

- Angles, Trigonometric Functions, & the Unit Circle
- Graphing Trigonometric Functions
- Solving Right & Oblique Triangles
- Identities & Proofs
- Solving Trigonometric Equations



To see additional content and student learning objectives for this course, please go to www.westosha.k12.wi.us and click on curriculum.

Grading Buckets

Assignments are classified into categories (Grading Buckets) focused on the targeted learning of the course. Each bucket is weighted and contributes to the overall achievement grade. The weighted grading buckets for Trigonometry are:

- 15% Content Knowledge
- 40% Procedural Knowledge & Skills
- 30% Applications & Modeling – graphing; word problems; identities
- 15% Technology – using graphing calculators; online activities

Course Grades

Students will earn an Achievement Grade and a Life Skill grade for this course.

Achievement Grade

- **Achievement grades will be based on summative assessments**, which require students to demonstrate their understanding of the learning goals. A summative assessment occurs after a student has had the opportunity to practice, receive explicit feedback, and correct errors in learning or thinking.
- **Formative assessments** are practice opportunities that allow students to refine their understanding of new knowledge and skills without penalty. They occur during the learning process and provide students with specific feedback to inform their learning. They also provide teachers with feedback to improve instruction. **Formative assessments will not count toward the achievement grade.**

Life Skill Grade

- The Life Skills grade will be assessed using a universal rubric. Please see the attached rubric.
- Life skills will be recorded:
 - Daily
 - Weekly
 - Bi-weekly

Grade Descriptors

- A** Students earning grades within the “A” range demonstrate proficiency **and** consistently exceed the standard.
- B** Students earning grades within the “B” range demonstrate proficiency **and** at times exceed the standard.
- C** Students earning grades within the “C” range demonstrate a proficient level of mastery of the targeted knowledge and skills.
- F** Students receiving an “F” have not met the expectations for demonstrating the knowledge and skills as indicated by the learning targets within that course.

Opportunities for Reassessment

Reassessment is done at the teacher’s discretion and must be completed within an acceptable time frame as defined by the teacher. Students meeting eligibility criteria will have the opportunity to retake specified assessments. The ability to reassess in this course is described below:

All tests require a grade of 60% or higher.

Any test below 60% will be recorded as “Missing”, which calculates to a 0%.

- **Which assessments?** Tests
- **Eligibility criteria:** Students must have turned in all homework and corrections (for homework and quizzes) from that unit as well as complete test corrections with error analysis. Additional practice may be assigned.
- **Time frame:** Retakes must be completed within two weeks of receiving the assessment back.

Extra Credit is Not Allowed

Grades are supposed to be measures of achievement, so it is appropriate that students have “extra” opportunities to improve their grades. Extra opportunities, however; must involve the demonstration of the knowledge and skills of the learning targets of the course. If these extra opportunities are to be valid, that is to raise a student’s grade from a C to a B for example; the additional demonstrations of knowledge and skills need to be at a higher level of achievement and not just more work to earn more credit.

Non-Negotiable Assessments

A non-negotiable assessment is one that must be completed to pass the class despite the student’s grade average. The following are considered non-negotiable assessments in this course:

- None

Missing Work

Missing work whether due to excused absence or other reasons will be recorded as “Missing”, which calculates to a 0%.

Absences

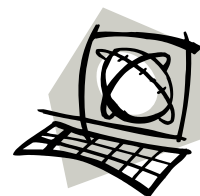
Students who are absent from school shall be permitted to make up course work and examinations when they return to school. It is the student's responsibility to contact his/her teachers to determine what course work and examinations must be made up. Teachers shall have the discretion to assign substitute course work and examinations, as well as to specify where and when examinations and course work shall be completed. The time for completing the work shall be equal to the length of the absence, unless extended by an administrator based upon extenuating circumstances.

Self-Monitoring

Students are expected to review their grades regularly in Infinite Campus. Students are also expected to check their email daily. If there is a discrepancy in a recorded grade, please communicate with the teacher.

Required Supplies/Materials/Technology

- Scientific or Graphing Calculator
- Three-Ring Binder with Loose Leaf or 5-Subject Notebook
- Writing Utensil
- Internet access because...Moodle & I'm online: schultzjen.weebly.com

**Classroom Procedures**

- Follow directions the first time given.
- Be on time to class and prepared for class.
- Use appropriate language to build others up.
- Raise your hand to speak and remain in your desk until you have permission to leave.
- Do not pack up until 1 minute before the bell.