

Applied Math Course Outline

Teacher: Mr. Stanton

Room: 311

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Course Description:

This class is similar to the applied mathematics course offered at technical colleges. It includes review of basic mathematics with applications from business, trade, agricultural, mechanics, etc.

Required Text: Applied Math – Pete Esser

Course Content:

Unit 1: Measurement

Unit 2: Geometry

Unit 3: Statistics

Unit 4: Finance

Unit 5: Trigonometry

Course Evaluation:

Highland Universal Grading Scale

A+ = 98-100

A = 93-97

A- = 90-92

B+ = 87-89

B = 85-86

B- = 83-84

C+ = 81-82

C = 76-80

C- = 74-75

D+ = 72-73

D = 67-71

D- = 65-66

F = ↓ 65

The following categories will be used as percentages to calculate your overall grade.

WAC – 5%

Quizzes – 35%

Tests – 60%

There is no rounding on quarter or semester grades. In other words 89.99 is a B+, whereas 90.00 is an A-.

WAC – Writing Across the Curriculum

You will be required to write one essay per quarter pertaining to mathematics. This writing will be graded as 5% of your quarter grade. The attached rubric will be used to evaluate your writing. You will be required to revise your writing until it reaches a minimum of 3 (proficient) on the rubric in all categories before the end of the quarter. Your topics will be given to you at the beginning of the quarter and your final revision will be due at the end of the quarter.

Check Your Understanding:

Check Your Understanding assignments will be given daily. This will happen in two ways.

- 1) When you come in to class you will begin with the question on the board in small groups on the vertical white board. These can be review questions or introductions to new content.
- 2) You will get a worksheet with every lesson. This is not a graded homework. It is an opportunity for you to check your understanding on the content presented during the in class lecture. Answers to all questions will be posted. If you would like more detailed solutions, you can ask these questions during resource.

Quizzes/Tests:

There will be 3-4 quizzes will be taken in every unit. There are 5 unit tests throughout the year. There are no retakes.

Makeup Guidelines:

A student who is absent the day of a test or quiz has two school days to make up the missed assessment. Other circumstances will be dealt with individually. If you feel that you have a unique circumstance that deserves an exception, **please talk to the teacher in advance.**

General Classroom Policies:

The classroom is a place for learning and exploration. Failure is simply our First Attempt In Learning. As such, it is essential that each of us work to create and maintain that environment. To that end each student is expected to:

- Come to class on time, **with all required materials**, ready to learn
- Actively participate; both in individual and group work, as well as discussion
- Respect each other, the teacher, and the environment
- Take responsibility for your learning, **ask questions when necessary**
- Any violations of school rules or disrespect will be subject to:
 - Verbal reminders
 - Retention after class/resource/school
 - Office referral
 - Detention & parent contact
- Encourage active participation and healthy group discussions by:
 - Acknowledging participation – even if incorrect
 - Allowing explanations
 - No negative comments such as “That’s so dumb”
 - Any other words/phrases I find offensive
- CELL PHONES/HEADPHONES/CHROMEBOOKS/ETC.
 - There will be **no electronics** allowed in the classroom for any reason unless otherwise stated
 - If you are using it in the hallway it needs to be put away **before you enter my room**
 - If I **see** or hear (even on vibrate) a cell phone/smartwatch/headphones/Chromebook I will take it and it can be picked up at the end of the day.

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- ☐ I understand the homework policy and agree that math requires repetition to achieve mastery; therefore time should be spent on math outside of class. **This time varies depending on the individual and difficulty of the material.** Adequate time should be spent to achieve desired level of mastery.
- ☐ I understand the quiz and test policy. No quiz retakes or test corrections.
- ☐ I have read the student contract and agree to the attached course requirements, guidelines and classroom policy for math class.
- ☐ I understand that **my grade in this class is a reflection of how well I know the material and not based on effort.**
- ☐ I understand the **policy for cell phone/smartwatch/headphones/Chromebook** in the classroom.

Date: _____

Student's Signature _____

Parent/Guardian Signature _____