

Liberal Arts Mathematics 2 – 1207310
University High School
Instructor: Mr. Conradson
Email Address: geconrad@volusia.k12.fl.us

Course Description: Liberal Arts Mathematics is a course designed to strengthen the mathematical skills required for college entrance exams or further study of advanced mathematics. The content will include Linear Functions, Quadratic Functions, Polynomial Functions, Exponential Functions, Logarithmic Functions, and Interpreting data & Making Inferences.

Textbook: Pearson Prentice Hall, Mathematics in Action: Algebraic, Graphical, & Trigonometric Problem Solving, 2015/5th edition. (Green Book)

Philosophy:

All students are capable of learning. All students in this course are expected to come to class with a positive attitude and to do their best work each class day. Students are expected and required to take an active part in their educational process in this course.

Classroom Management:

Students will come prepared to class, ready to work and participate. Classroom rules are as follows: Be punctual. Be prepared. Be polite. Students may bring a water bottle to class. **ONLY WATER** may be brought to class, and it must be in a container that will not spill! Cell phones are not to be out during class.

Teacher Website:

The teacher website is <http://www.uhstitans.com/staff/conradson-glen>. Class information will be found here. This information may include: Calendar of class events, Class notes, Worksheets, Videos, and other important documents.

Grading Policy:

Three categories are used for grading:

Diagnostic assessment - - - - 0%
Formative assessment - - - - 40%
Summative assessment - - - - 60%

Volusia County Grading Scale:

90-100 = A 80-89 = B
70-79 = C 60-69 = D
59 or below = F

Formative: 40%

Two types of assessments will be used.

Clicker Quizzes: These formative assessments will be given during the classroom lecture. Typically, after a concept is taught, one or two questions will be asked to gauge student understanding. The immediate feedback from these questions will form the basis for the next step in the lesson: immediate review or continue to the next concept.

In-class Practice: These practice problems will usually be completed during the class period. These will be completed in small groups (2-3 students).

Summative: 60%

Summative assessments will be used to describe and identify student progression toward mastery of the Liberal Arts Math 2 Standards. Students will be asked to demonstrate the depth of their knowledge through various tasks. Students will be required to develop verbal, written and technological skills in the process of solving the problem as well as use critical thinking in working towards a solution.

Remediation:

Students may retake any summative assessment. However, the retake must be completed within 15 school days or before the end of the 9-wk period (whichever is first).

The following requirements must be met for retaking a summative assessment:

- A. Error Analysis must be completed for each problem on the assessment that the student did not get full credit.
- B. All classwork must be completed.
- C. The student's class notes, assignments & error analysis must be brought to Mr. Conradson during office hours before the retest can be scheduled.

Gradebook:

All student grades will be entered into *Gradebook* in a timely manner. Parents and students are recommended to keep track of current grades and missing assignments on the *Gradebook* site.

Absence Policy:

When a student is absent, the student is still required to know all of the material. All class notes and practice pages will be posted on the website after class use. Lecture quizzes will not need to be completed. However, all of the summative assessments will need to be completed. When a student is absent for a test day, the student should expect to take the test when he/she returns to class.

Office Hours:

Mr. Conradson will be available during the first half of lunch Tuesday through Friday.

Curriculum Map

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|----------------------------|--|
| 1 st 9 weeks -- | Unit 0 – Review of Prior Knowledge |
| | Unit 1 – Linear Functions |
| | Unit 2 – Quadratic Functions (pt 1) |
| 2 nd 9 weeks -- | Unit 2 – Quadratic Functions (pt 2) |
| | Unit 3 – Polynomial Functions (pt 1) |
| 3 rd 9 weeks – | Unit 3 – Polynomial Functions (pt 2) |
| | Unit 4 - Exponential Functions |
| | Unit 5 – Logarithmic Functions |
| 4 th 9 weeks – | Unit 6 – Interpreting Data & Making Inferences |
| | Review for EOC (5% of Grade) |

A more complete curriculum map is available on the teacher website.

<http://www.uhstitans.com/staff/conradson-glen>

August 2018

Dear Parent or Guardian,

Welcome to a new school year! I would like to take this opportunity to introduce myself and express my excitement about working with your teenager this year. I am looking forward to working together to ensure a positive and successful year!

The class syllabus, grading policies, and procedures can be found on our class website at: <http://www.uhstitans.com/teachers>.

Please take a moment to email me at geconrad@volusia.k12.fl.us to ensure I have your correct e-mail address. Parent communication is critical and I hope to make my best effort to keep you informed of your child's progress. In your email please include the following:

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1. Student Name
 2. Parent or Guardian Name(s)
 3. Parent or Guardian Phone Number
 4. Please include any information you would like me to know about your child and acknowledge that you have read the course syllabus.
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Thank you,

Glen Conradson
Liberal Arts Math
University High School

