

Math III Honors

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Course Description:

This course will deepen the students' understanding of topics from previous courses. The content is grouped into four critical areas: inferences and Conclusions from Data; Polynomial, Rational, and Radical Relationships; Trigonometry of General Triangles and Trigonometric Functions; and Mathematical Modeling. Students expand their repertoire of functions and revisit many functions from past courses. This course will contain additional topics beyond the Math III course such as polar coordinates and parameters.

Course Pre-Requisites:

Each student taking this course should have passed all four terms of Math II Honors. If you have not obtained these grades, you lack some of the prerequisite knowledge & skills needed to be successful in this course. You are highly encouraged to talk to your counselor and retake Math II or Math II Honors. If you do not have these skills; you will struggle and have difficulties in this demanding course.

Course Materials:

Each student will need a writing utensil, a differing correction utensil, a 3-ring binder & paper (spiral notebooks are discouraged), and a Graphing or Scientific Calculator. Only legitimate calculators may be used; this excludes use of any other device with calculator capability such as cell phones & ipods.

Course Requirements:

Work:

- Journal – A journal entry will be completed on a daily basis as assigned by the teacher. Half of the journal points will be an “On-Time Stamp” for each entry. Students will receive this stamp daily from the teacher if they are on time to class and on task (working on the journal) when class begins. Part of their grade is thus based on attendance, and absent students cannot receive the “On-Time Stamp” but they can make up the writing portion of the journal. Journals will be checked and scored regularly on test dates.
- Homework – Daily assignments will be worth 10 points each. To receive full credit, the assignment should contain class notes, work and completion of all problems, and clear corrections. Four of the ten points will be for class notes, one of the ten points will be for correcting, and five of the ten points will be for completely showing work. Always SHOW WORK. This means that if there is no work to show you should write the problem or draw a diagram. Please note when there is work to show, writing the problem will not suffice. You are responsible to get the notes for any missed class. Late work is worth ZERO points. Absent work will become late work a week after the Chapter Test is taken. Each student will be given two late passes per term; if unused they are each worth 5 bonus points.
- Labs - These occur during class time and are worth 5 points each. They generally involve group work, other forms of participation, math manipulatives, and technology. They are difficult to make up.
- Projects – Each term, one project worth 100 points will be assigned. Sufficient time will be given for its completion. If turned in after the due date, a student can only expect to receive half credit.

Exams:

- Quizzes – Daily quizzes will be worth 5 points each. Every student in attendance will be required to take the quiz. Quizzes are meant to be informative. Each quiz focuses on one main key concept from the previous class period, but also contains two other previous concepts. By looking at quiz scores students can know which concepts they still have not mastered. They may take quizzes multiple times until the chapter test is taken.
- Tests – Each term approximately three chapter tests will be given. Each test is worth 100 points. There are NO RETAKES. Due to test security reasons, all students absent on the day of the test will take a different test than those in class that day. A score of zero will become permanent for these students if they have not taken the test by a week following their return to class.
- Final – A comprehensive final will be given at the end of each term worth 100 points. The final will average with the other test scores, but can also replace the student's lowest chapter test score. A student can always improve their grade by doing well on a final.

Grading:

Your grade depends upon your work and performance. Only 40% of your grade is based on your work: assignments, labs, project, and journal. The other 60% is attributed to tests, quizzes and the final. The following grading scale will be used:

A 93-100%	A- 90-92%	B+ 87-89%	B 83-86%	B- 80-82%
C+ 77-79%	C 73-76%	C- 70-72%	D+ 65-69%	D 60-64%
D- 55-59%				

WARNING: Extra credit work does not exist. You will be graded on what you do and not what you can do “extra” to inflate your grade.

Teacher Availability:

I have provided the school number and my email for you to contact me. Students are always welcome to come in for extra help before or after school. I arrive at 7:30 in the morning and will help students who come in after school for as long as my schedule allows.

Website: <http://webspaces.nebo.edu/marie-condie>

This website is a helpful tool in providing students with needed information. There is a calendar providing due dates for projects, test dates, lab dates, and other important dates. The calendar also provides information about daily work in class. Project explanations & examples are also available. This website is also equipped with information for online tutorials, peer tutors and other useful websites. I recommend every student become acquainted with it. It is continually improving as I receive feedback from students and parents, if you have any suggestions please let me know.