

Intro to College Math Syllabus 2017-2018

Ms. Shooks • sshooks@rochester.k12.mi.us • (248)726-5400 ext.6986 • 6th hour Conference (1:31pm -2:30pm)

Welcome:

Welcome to a new semester. I am excited for the opportunity to work with you! Mathematics is a subject which requires daily practice, dedication, and perseverance. Having a positive attitude and a solid work ethic will help you learn the concepts in this class.

Course Description:

This year-long course builds on the concepts in Algebra 2 and lays the foundation for advanced mathematics topics. Using real life applications, students expand their understanding of trigonometry by solving problems involving linear and angular speed and harmonic motion. Students solve equations involving inverse trigonometric functions and learn and apply theorems as they apply to complex numbers. Students identify quantitative relationships and data patterns. Students interpret categorical data and make inferences in a statistical context. Students identify and apply counting methods to find probabilities. In the process of designing experiments, students explore probability models, such as binomial distribution and examine the relationship between randomness and probability. This course is NOT designed for students who have earned credit in Pre-Calculus.

Classroom Expectations:

You can expect to be treated with respect and fairness from me. I do my best to form a positive relationship with all students. I expect you to be prepared for class each day. I encourage you to ask questions during class. Food and beverages (other than water) are not allowed in the classroom.

Quizzes and Tests:

All quizzes and tests are preannounced and timed. Students will have the opportunity to review their quizzes and tests in class and may arrange extra review time if needed.

Assignments/Homework:

Homework will be assigned daily and homework grades will be given daily. All assignments must be neat, legible, and all work shown to receive full credit. Evaluation will be based on completion and effort.

Points will be deducted from assignments not completed, or at least attempted, and for work not shown. It is your responsibility to attempt each homework problem, show all of your work, and follow the classroom directions for each assignment. You are expected to correct your homework daily. This includes marking problems wrong, asking questions, and making corrections on your homework paper. This will help you learn from your mistakes. **I will accept assignments**

late as long as they are turned in before the chapter test, but you will only receive a maximum of half credit and all work must be shown.

Helpful Suggestions:

Grades are updated daily. Please monitor progress regularly. I have set up a **Moodle Course** for this class. This site will have note sheets, assignments and the class calendar.

Contacting the teacher:

The best way to contact me is through e-mail. I will do my best to reply within a two day work period.

Absences: Absences = Loss of Instruction.

Please keep absences to a minimum. Mathematics is sequential and often difficult to learn without direct classroom instruction. **It is your responsibility to get caught up after an absence from class.** *Please see the back-side of this syllabus for academic expectations & consequences upon returning from an absence.*

Calculators:

Rochester Community Schools provides all necessary materials and supplies for curricular classes. Parents who wish to supplement these materials may consider purchasing a graphing calculator. Calculators will be used in this class on a regular basis. It will be helpful for students to have a graphing calculator of their own. We will be using the Texas Instrument (TI) calculators in class. Recommended calculators are: **TI-84 plus C, TI-84 plus, or TI-83 plus.**

Cell Phones & all technological devices:

Technology supports and hinders instruction. **Teacher permission must be obtained prior to using a technological device of any kind in class.** Taking pictures without permission is prohibited and violates academic integrity codes. While I support using technology to enhance classroom instruction, this usage must be left up to my discretion. Listening to music in class is also prohibited. Being an active participant in our classroom learning community is expected at all times. If a student is caught using an electronic device (having it out on desk or in hand is considered using), it will be confiscated and taken to the office.

Academic Integrity:

During a test or quiz, if a student is caught using an electronic device, using notes of any kind, or communicating with another student, a score of zero will be given. Students are not permitted to wear smart watches during tests or quizzes. If a student is caught wearing one, a score of zero will be given. If a student is caught copying an assignment, a score of zero will be given to both individuals.

Grades:

Card-Marking (Quarter) Grades:

Assignments/Homework: 15%

Quizzes/Tests: 85%

Semester Grades:

First Semester

1st Quarter: 40%

2nd Quarter: 40%

Final Exam: 20%

Second Semester

3rd Quarter: 55%

4th Quarter: 25%

Final Exam: 20%

Absences

Expectations and Consequences:

It is your responsibility to get caught up after an absence from class. You are in charge of completing all missed notes, assignments, quizzes and tests. I will make this as easy as possible for you. Assignments will be posted on the classroom calendar and on Moodle.

1.) Excused Absences:

If you have an excused absence from class, you will have the opportunity to make up all missed work for full credit. It is your responsibility to get all missed class notes and assignments. You should plan to complete the work for the next school day.

***If you have an excused absence on the day of a quiz or test, you should expect to take the missed exam the first day you return to class. You may be given an alternate version of the test. If you missed review days only, you will take the quiz or test along with the rest of the class on the pre-announced testing day. Refusing to take the assessment in either of the above cases will result in a score of zero.**

2a.) Exempted Absences: (*in-building*):

If you have an exempted absence from class due to a meeting with anyone in the school, such as a counseling appointment, school matinee, working or participating in a blood drive, a student council activity, or a meeting with an assistant principal, you do not get additional time to make up the missed work. It is your responsibility to get the assignment and have it completed the next day for this type of exempted reason.

***If you have an appointment or activity in the building on the day of a quiz or test, you need to come take the quiz or test and then go to the appointment/activity when you are done with the assessment.**

2b.) Exempted Absences: (*out of-building*):

If you have an exempted absence from class due to an activity outside of the building (ie. Field trip, sporting event, band/choir performance, etc) you will be given one additional day to make up missed work.

***If you will have an exempted absence (outside of the building) on the day of a quiz or test, it is in your best interest to try to make arrangements with me in advance to take the test ahead of time. This will minimize loss of instruction. If you choose not to do so, you should expect to take the quiz or test the first day you return to class. You may be given an alternate version of the test.**

3.) Unexcused Absences:

If you have an unexcused absence from this class, **you will receive a grade of "zero"** for any missed work, including a test, which took place on that day.

4.) Pre-arranged Absences:

If you will be absent from class due to a prearranged absence (for example, a family vacation), you are expected to get your assignments from me prior to your prearranged absence. You need to inform me of your absence *at least* 3 school days prior to leaving, so that I can provide you with your work as much as possible. You are expected to complete the assignments while gone and return completed work to me the day you return to class. You will also be expected to make up any missed quizzes and tests upon your return to class. **Any work not completed will result in a score of zero. Any quizzes or tests not taken the day you return will result in a zero.**

5.) Suspensions:

If you are suspended from school, you are expected to complete the assignments while gone and return completed work to me the day you return to class. You will also be expected to make up any missed quizzes or tests upon your return to class. **Any work not completed will result in a score of zero. Any quizzes or tests not taken the day you return will result in a zero.**

****I will be adhering to these classroom policies with all students. I want to encourage responsibility, accountability and integrity. I believe these personal attributes are important for continued academic success****