Advanced Algebra II Syllabus
Mrs. Nelson, Room 321
2019 – 2020 School Year

Course Description: This course is a study of Advanced Algebra, which is a prerequisite course for Pre-Calculus. Students will explore linear, quadratic, power, exponential, logarithmic, & trigonometric functions both algebraically & graphically. In addition to these functions, students will revisit & extend their knowledge on concepts introduced in Algebra I & will be introduced to statistics, probability, sequences & series.

Grading Percentages

Tests & Quizzes[*]	80%
Notebooks	15%
Participation	5%

[*](quizzes are weighted 50% of a test grade)

MCHS Grading Scale

100 – 93 A	92 – 90 A-	89 – 87 B+
86 – 83 B	82 – 80 B-	79 – 77 C+
76 – 73 C	72 – 70 C-	69 – 67 D+
66 – 63 D	62 – 60 D-	59 & below E

Semester Grade: The semester grade is comprised of 80% of the average of the two quarters and 20% of the final exam grade. Students overall GPA is calculated using semester grades, not quarters.

Test & Quizzes: It is the responsibility of the student to schedule a time to make-up a test or quiz. **Tests & quizzes must be completed within one week of the original test/quiz day to receive full credit.** Some tests & quizzes may not be made up in which case the next test or quiz will count as double. Testing retakes will be at the discretion of the teacher & are very seldom offered. **ALL** homework for the current chapter must be completed for a student to qualify for a retake. **All points will be lost if a student talks, looks at another's paper, or in any way <u>GIVES</u> or <u>RECEIVES</u> answers during tests & quizzes. All points will be lost if a cell phone or other electronic device is <u>visible</u> before, during, or after a test, whether or not the student was using the device.**

Notebooks: Notes are given on a daily basis. Students are expected to write down all notes & examples completed in class with the teacher on a daily basis. Notebooks are graded on completeness, neatness, & organization. They must be **bound, complete** & **in order** to receive full credit. A section or chapter of notes will be collected unannounced throughout the year. Students that do not have their notebooks or their notebooks are unorganized can turn in the next day for late credit.

Participation: The 5% participation grade is compiled of pop quizzes given over homework problems and how well students follow daily classroom expectations such as note-taking and engagement in learning.

Homework: It is imperative that **EVERY** homework assignment is completed to a satisfactory level. For a completed assignment, all the mathematical steps must be shown &/or a **written explanation** in how the problem was solved. An attempt needs to be made on **ALL** problems to be considered complete. If an answer cannot be found, the student should first seek support using online support &/or the Remind App BEFORE providing a written explanation of the misunderstanding. Students will receive an incomplete grade for work that is missed, incomplete, or turned in late. Complete & incomplete assignments are determined at the discretion of the teacher.
 If a student is absent, it is their responsibility to turn-in any assignments that were due the day of the absence & to receive the appropriate notes & assignments that were missed. The student has 1 day from the day returning for every day absent to complete their missing assignments.
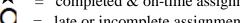(Ex:Absent Monday, get missed notes & assignment **MONDAY**, turn in by Tuesday, latest Wednesday)

Basic Homework Guidelines: Showing neat, organized, & detailed work is part of the mathematical process. The work shown demonstrates student comprehension of the material & is a record of thoughts at the time of completion. I need your work to help you grow mathematically.

- Put your name, date, hour, & assignment in the upper right hand corner of your paper.
- Number problems as you go – do not pre-number.
- Write letters & numbers neatly.
- Work down the paper – not across. It's much easier to follow the reasoning this way. Work that is shown across the page instead of down **WILL NOT** be accepted as a completed assignment.

Homework will be scored as follows:

★ = completed & on-time assignment.

◯ = late or incomplete assignment. **The expectation is that this assignment IS completed.**

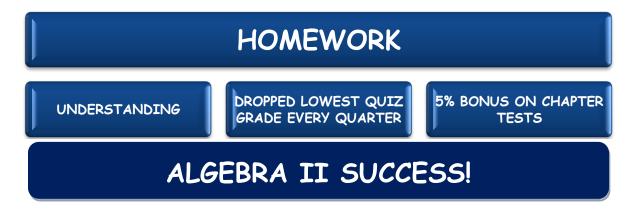⊛ = a late or incomplete assignment that has now been completed.

- 5% bonus will be added to the final chapter test for homework that is **completed** & **on-time** for the entire chapter.

- For each ⊛, a bonus point will be deducted from the 5% bonus, not to exceed the original test score.

- For each ◯, 2% bonus will be deducted from the 5% bonus & will continue to be deducted beyond the original test score, not to exceed 5% below the original test score.

EXAMPLES

Homework					Actual Test Grade	Adjusted Test Grade
★	★	★	★	★	85%	90%
★	★	★	⊗	★	85%	89%
★	◯	★	◯	★	85%	86%
◯	◯	◯	◯	◯	85%	80%
★	★	⊗	◯	★	85%	87%

Drop Lowest Quiz Grade: In addition to a 5% chapter test bonus, I will drop the lowest quiz each quarter for those students who have *a 95% homework average* at the end of each quarter. A 5% test bonus will be applied to a student's grade if a dropped quiz grade would result in a lower overall grade.

HOMEWORK DOES COUNT!

HOMEWORK

| UNDERSTANDING | DROPPED LOWEST QUIZ GRADE EVERY QUARTER | 5% BONUS ON CHAPTER TESTS |

ALGEBRA II SUCCESS!

Required Materials

Notebook – a binder or folder to be used **only** for Advanced Algebra II. A 1-inch 3 ring binder with pockets is preferred.

Calculator - Students should expect homework every night & will use a calculator frequently. A scientific calculator will be sufficient for most of the calculations. There will be times that a graphing calculator will be necessary, however, these calculators will be provided. Students can use a graphing calculator instead of a scientific, however, there may be times during tests & quizzes that students will not be allowed to use their graphing calculators & I will provide a scientific calculator to those students at that time. Students will not be allowed to share calculators during class. This will be considered cheating during a test or quiz which will result in a zero for all students involved. **Cell phone calculators & the TI-89 Calculus graphing calculators are prohibited for use in Advanced Algebra II & will be treated as academic dishonesty if used.**

Classroom Expectations: It is my responsibility as your teacher to provide & maintain a safe & effective learning environment. My teaching style & delivery are structured around the following behavior guidelines:

 1. RESPECT – I respect all my students & expect my students to respect each other, their school, & me. Listen quietly while someone in the class is speaking, teacher or student. During my lesson presentations I would like my students to remain seated until I am finished.

2. PREPARATION – Come to class prepared to learn & **on-time**. Bringing your book, notes, calculator, assignments, & writing utensils to class every day is the first step towards being prepared for class. Students must also be an active listener & participant to be successful in this class – just showing up & copying notes will not be sufficient.

3. FOCUS – Be an active learner by taking notes, following instructions, & asking questions when necessary. Keep all unrelated materials away during class. When time is provided, I expect my students to use this time to work on their assignments.

Electronic Device Policy: The use of cell phones or other electronic devices in my classroom is not permitted unless stated by the teacher. During this time, all other functions of the electronic device are prohibited.

 In addition to these three behavior guidelines, all school rules will apply in my classroom. See your Student Handbook for more information.

To the parent(s) or guardian(s) of my students:

Please take a few minutes to review my syllabus with your son or daughter. I am available to students for extra help **by appointment** after school until 3:00 p.m. If you have any questions or comments, please feel free to call me at 676-1965. My conference time is 1st Hour.

> Sincerely,
> Mrs. Jennifer Nelson

Support

To access online textbook & support materials:

Website: go to **my.mheducation.com**
login using the teacher provided username & password.

username: _____   **password:** _____

Mobile App: go to any app store & download the free **McGraw-Hill ConnectED K-12** app
login using the teacher provided username & password.

To access finished outlines for note taking:
go to my website @ **jnelsonmath.weebly.com**
click on the Advanced Algebra II tab
click on the desired chapter tab
click on the desired section of notes link

Computer printed outline of notes WILL NOT be accepted as notebook credit

remind

Pick a way to receive messages for **Advanced Algebra II - 3rd Hour:**

A **If you have a smartphone, get push notifications.**

On your iPhone or Android phone, open your web browser and go to the following link:

rmd.at/24eg4c4

Follow the instructions to sign up for Remind. You'll be prompted to download the mobile app.

rmd.at/24eg4c4

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Phone Number or Email Address

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B **If you don't have a smartphone, get text notifications.**

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* Standard text message rates apply.

To

81010

Message

@24eg4c4

Don't have a mobile phone? Go to rmd.at/24eg4c4 on a desktop computer to sign up for email notifications.