

ADVANCED TOPICS IN MATHEMATICS

MR. KOTHE



KOTHEC@LEONSCHOOLS.NET



(850)617-5700 EXT.1180



SEE CANVAS

WEBPAGE:

[HTTP://WWW.LEONSCHOOLS.NET/DOMAIN/4833](http://www.leonschools.net/DOMAIN/4833)

COURSE DESCRIPTION:

This course provides students with a foundation for applying advanced skills to scientific and mathematical fields. Content includes linear, quadratic, exponential, radical, rational, and trigonometric functions as well as probability. This course provides great preparation for College Algebra.

TEXTBOOK

Online:

<https://openstax.org/details/books/intermediate-algebra>

GRADING POLICY 2020-2021

The weighted scale below will determine your 9 weeks grade. Letter grades are assigned according to the Leon County Schools Grading Scale.

- Homework/Classwork: 25%
- Quizzes: 30%
- Tests: 45%

Homework/Classwork will be graded for completion unless stated otherwise. (Not all assignments will be collected for a grade). Homework is due the following day at the beginning of class. I will collect late homework the next day for half-credit. Students who have an EXCUSED absence will have three class days to turn in work. After the 3 days, the work will not be accepted.

Quizzes are graded for accuracy. Quizzes may or may NOT be announced ahead of time. Students who are absent on a quiz day will have three class days to take the quiz.

Tests will also be graded for accuracy. Tests will always be announced ahead of time. Students who are absent on a test day will have three class days to take the test.

* **Retakes:** You may retake one test per grading period, excluding tests given within two weeks of the last day of the nine weeks. Test retakes will take place towards the end of the nine weeks and sign-up sheets will be posted. The retake test score will count, even if it is lower than the original. Students who complete the retake test and feel that they have performed poorly may write, "Do not score" at the top of the test and then I will not grade the retake and you will keep your original grade.

***You must show work on all assignments and assessments in order to receive credit!**

***Skipping class on assessment days:** If a student is caught skipping on the day of a quiz or test they will receive a zero on the assessment and a referral.

***Assessment Day Procedure:** Students will place all personal belongings, including cell phones, in a central location in the classroom on test/quiz days. You may NOT have a cell phone on your person during any assessment. If a student is in possession of a cell phone at any time during a test (even upon completion), the test will receive a zero.



SUPPLIES

- 3-RING BINDER
- DIVIDERS
- PAPER
- PENCIL
- SCIENTIFIC CALCULATOR (TI-30XIIS)

**ONLY CLASS ASSIGNED CALCULATORS WILL BE ALLOWED ON ASSESSMENTS. IT IS HIGHLY RECOMMENDED THAT YOU PURCHASE A TI-30XIIS FOR HOME USE, SO THAT YOU WILL BE FAMILIAR WITH THE CLASS ASSIGNED CALCULATORS DURING ASSESSMENTS.

TUTORING RESOURCES

- I AM AVAILABLE EVERY DAY AFTER SCHOOL FROM 2:00 UNTIL 2:45
- PIERIAN HAS FREE TUTORING AFTER SCHOOL IN ROOM 302 TUESDAYS AND WEDNESDAYS AFTER BOTH 6TH AND 7TH PERIODS
- YOU MAY ASK ME FOR PERSONAL TUTORING REFERENCES, IF NEEDED.

EXPECTATIONS AND DISCIPLINE

Come to class prepared and ready to learn; a good attitude is essential!

- Be respectful
- Be on task
- Demonstrate academic integrity
- Adhere to all school and county rules
- Be familiar with pages 14-15 of student agenda

Failure to comply with these classroom expectations will be handled through discussion, seat reassignment, guardian contact, and/or referral.

ACADEMIC INTEGRITY

Academic integrity violations can include plagiarism, cheating, and unauthorized group work on any assignment, project, or assessment. If a student is caught the following will occur:

- The student will receive an F with zero credit.
- The citizenship grade will be lowered for the grading period.
- A notice will be recorded in the guidance office.
- **Cell phones are not allowed as calculators or allowed to be out during tests/quizzes.**

Any occurrence of academic dishonesty may be reported by the guidance office on college admissions applications.