Algebra II and Honors Algebra II Syllabus

Mr. Bonello – Room 254
email: pbonello@spxkc.org
Phone: 453-3450 x254
Planning period: 2nd hour

Classroom Expectations

- **As soon as you enter, place your purse in a crate in the back of the room. On test days, smart watches must be taken off and placed in this area too.**
- Be in your seat and ready to learn when the bell rings. This includes having your materials listed below. If you are late after the bell, please have a pass from where you came or have your demerit card ready. Bathroom usage is not an excuse for being late.
- Engage in solemn behavior during prayer time and pay attention during X-Factor if your hour watches it.
- Be respectful of me, your classmates, and our mission
- Place your water bottles under your seat and out of the aisle
- If there is a bellwork assignment, begin it after prayer
- No phone use, visibility, or audibility in the classroom – keep your phone in your locker or there will be a referral if seen or heard.
- Participate in class depending on the situation: listening, taking notes, working on practice problems, partner or small group discussion are all possible class activities.
- If time to work in class is given to you, do not waste it. If a study hall falls during your period, do not waste it.
- If you need to use the restroom, please ask before you fill out your pass and approach me for signing. If it's possible to wait until a break in the lesson occurs, I may ask you to wait.
- Use passing period time wisely.
- Do not gang rush Mr. Bonello in the first 30 seconds of class with questions.

Necessary Daily Materials

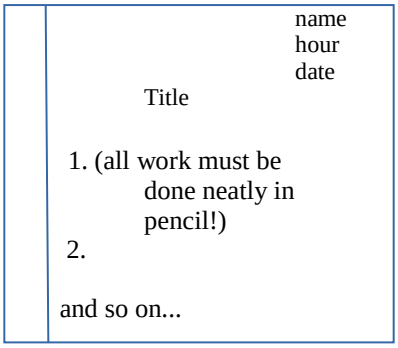
- Textbook: Algebra II, Prentice Hall, 2008 (purple book)
- Calculator: TI30X IIS scientific calculator is all you need for this class. If you already own a graphing calculator you may use it.
- Binder with dividers (you can use construction paper) for notes, handouts, homework, and returned work for each chapter
- Loose leaf paper and graph paper (for homework) and pencil
- Spiral notebook for scratch paper
- Student Planner (yours, not someone else's)
- Occasionally we may use a Chromebook. I have a cart in this room.
- **Coming to class without your book, binder, calculator, or planner and needing a locker pass will be demerit!**

Attendance

Attendance is crucial to your success in the class. SPX allows 10 absences before missed work will count as a 0. For a planned school absence such as a game or field trip, please let me know at least the day before and we will schedule a makeup test or quiz opportunity. Please turn in completed homework upon returning to school. Follow Google Classroom for the daily assignments and upcoming class schedule.

Homework:

Homework will be assigned nearly every day. The purpose of homework is independent practice of the skills we learned in class that day. **Please do it to the best of your ability.** It is okay to be wrong or confused when doing homework – just seek out help from me when you need it. Do not wait until it's time for a test or quiz before getting that help. By then it will be too late. Please format all homework as follows



Homework is due at class time. Please have it on your desk and I will go around and check for completion. Then the answers will be shown and questions may be asked.

Exit tickets:

Most days we will have an exit ticket as a check for understanding on the day. Please do them. They are randomly taken for a grade.

Quizzes and Tests:

Quizzes will be given out at least once per unit and with advance notice. Tests will be given at the end of every unit. In advance of a test, I will hand out a study guide that will tell you exactly what concepts will appear on the test along with some practice problems. Treat the study guide exactly as a homework assignment but there is no grade. You can't memorize the study guide and hope the same problems will appear on the actual test (they won't, by the way).

"Retake Tests" – Corrections may be made on tests for up to half credit provided you show me the entire chapter of completed homework and the study guide before attempting corrections. You have two class periods to return corrections to me.

Final Exam:

The final exam each semester will be comprehensive. It will make up 15% of your grade.

Grades:

Grade Composition:

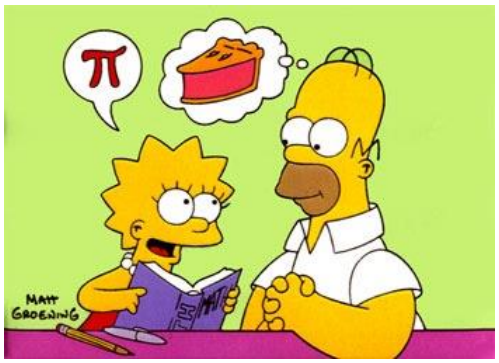
Daily Quiz/Exit Ticket/Homework	25%
Chapter Quizzes and Tests	60%
Final Exam	15%
Total	100%

Grading scale:

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

Plagiarism:
If you are caught copying on a quiz or test, a zero will result for that assessment and a referral will be given. Subsequent copying will result in discipline outlined in the student handbook. Be advised using AI on homework doesn't really help you at all. Would you allow your coach to do practice for you? How would you improve your free throw shooting, tackling technique, or setting a teammate for a spike?

Disclaimer:
Further policies may be added or amended at any time.



Course Essential Skills

1. Evaluating and simplifying algebraic expressions
2. Solving linear equations and inequalities
3. Understanding what a function is
4. Graphing linear equations and functions
5. Simplifying and factoring polynomials
6. Applying properties of exponents
7. Graphing and interpreting quadratic functions and equations
8. Solving systems of equations graphically and algebraically
9. Simplifying radical expressions and solving radical equations
10. Simplifying rational expressions and solving rational equations
11. Graphing and interpreting exponential and logarithmic functions*
12. Matrix operations*
13. Identifying and producing the equations of conic sections*

*Honors Algebra II skill

St. Pius X High School builds a foundation in faith, academic excellence, and lifelong learning, partnering with families to enhance Catholic morals and authentic truth for the greater glory of God.

“Restore All Things In Christ” - Pope Pius X

Let’s have a great year!

Student Signature

Parent Signature