

COURSE SYLLABUS



COURSE: Algebra III

TEACHER: Burley

TEACHER PLANNING PERIOD: 7th Period

REQUIRED MATERIALS:

Textbook – Glencoe Advanced Mathematical Concepts
Graphing Calculator

(Graphing calculators are furnished for use in class only. You will need some type of calculator for use at home.)

3-ring binder with loose-leaf notebook paper and graph paper

Pencils (Colored pencils and highlighters may also be used.)



COURSE OBJECTIVES:

The student will:

- Exhibit mastery of topics in the course outline.
- Apply concepts mastered to solve practical problems.
- Use graphing calculators to solve or illustrate problems.
- Work independently and/or cooperatively in problem solving situations and explain solutions orally.

COURSE TOPICS

Linear Relations and Functions
Systems of Linear Equations and Inequalities
The Nature of Graphs
Polynomial and Rational Functions
Exponential and Logarithmic Functions

The Trigonometric Functions
Graphs of Trigonometric Functions
Trigonometric Identities and Equations
Conics
Sequences and Series

NOTE: *Some topics may be introduced out of sequence as listed. Other topics may be covered as time is available.*

CLASS RULES

1. Always give every task your best effort.
2. Be in your seat and ready to start class when the tardy bell rings.
3. Be courteous and respectful at all times.
4. During independent and group work, work quietly until everyone completes all work. Remain quiet during all tests and quizzes.
5. Raise your hand if you have something to say or need help and refrain from talking when the teacher is speaking. Disruptive behavior will not be tolerated.
6. Be prepared for class. Bring your textbook, notebook, pencils, paper, and homework assignments to class every day. Review notes and sections in the textbook daily.
7. Food and drink are not allowed in class.
8. Leave your work area neat and clean.
9. Be careful not to damage any computer equipment.
10. Do not adjust any windows, shades or desks.
11. Keep all backpacks and purses off the desks.
12. Be sure all cell phones remain off and out of sight at all times.
13. Stay in your seat until class is dismissed.
14. All school rules apply to the classroom and will be enforced. Please read your Student Handbook.
15. Feel free to ask questions about assignments or grades.

NOTEBOOK REQUIREMENTS

- Notebooks should be 3-ring binders. Work must be fastened securely in notebooks. Dividers are optional.
- Your name, the correct date, page number & section number is to be in the upper right hand corner of each assignment.
- Always copy the problems, show **ALL** work, and circle answers unless otherwise directed. No late homework will be accepted. Assignments not turned in will receive a grade of "0".
- Keep all work, including handouts, quizzes and tests, in the order in which it is assigned.
- Bring your notebook to class each day.

Regular attendance in class is necessary for success.
When a student is absent from the class, it will be the student's responsibility to learn the material and make up work missed in a timely manner. See the teacher before or after class to ask about missed assignments. Follow the guidelines in your Student Handbook.

GRADING

Grades will be determined as follows:

Nine Weeks Grading

Homework/Classwork Assignments	10%
Tests	40%
Quizzes	35%
Nine-weeks assessment	15%

Final Grade

Grades for each of the four nine weeks periods will be averaged for a final grade at the end of the year.

What does it mean to be a Lancer?



Respectful



Responsible



Mindful



Ambitious