

COURSE SYLLABUS



COURSE: Algebra III

TEACHER: Burley

TEACHER PLANNING PERIOD: 7th Period

REQUIRED MATERIALS:

School issued Chromebook and charger

Textbook – Blitzer Algebra and Trigonometry (6th Edition) (E-text available online through MyLab Math)

TI-84 Plus Graphing Calculator - will be furnished by the school (Instructions on how to use the TI-84 Plus Graphing Calculator will be given in this class. The DESMOS calculator will not be used in Algebra III.)

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 course topics.
- 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

Equations and Inequalities
Systems of Equations and Inequalities
Matrices and Determinants
Functions and Graphs
Polynomial and Rational Functions

Exponential and Logarithmic Functions
Trigonometric Functions
Analytic Trigonometry
Additional Topics in Trigonometry
Conic Sections
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.
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 Chromebook, notebook, pencils and paper to class every day. Review notes daily. Charge your Chromebook before class time.
7. Leave your work area neat and clean.
8. Be careful not to damage any computer equipment.
9. Do not adjust any windows, shades or desks.
10. Keep all backpacks and purses off the desks.
11. Be sure all cell phones remain off and out of sight at all times.
12. Stay in your seat until class is dismissed.
13. All school rules apply to the classroom and will be enforced.
14. Feel free to ask questions about assignments or grades.

Regular attendance in class is necessary for success. If you are absent, you can access assignments through the Google Classroom and MyLab Math.

GRADING

Grades will be determined as follows:

Nine Weeks Grading

Mesasure of Progress (homework, classwork)	40%
Mastery of Content (quizzes, tests)	60%

Final Grade

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

Lancer Pride



Responsible.



Respectful.



A Team Player.