Algebra 3 Syllabus

2018-2019

# Instructor Information

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| Instructor | Email |
| **Katee Albertson****Michelle Kondracki** | KAlbertson@iwacademy.orgMKondracki@iwacademy.org |

# General Information

## Description

In this class, we will review and enhance your skills from Algebra 1 and 2 and learn new algebra content. This will better prepare you for the college classes you will take involving algebra.

## Expectations and Goals

This is a senior level class and I expect you to take this class seriously. Complete homework when it is assigned to ensure that the class is ready to move on the next lesson. Participate and be respectful during class, and come prepared every day with required course materials. Remember to follow all school policies in the classroom.

Oftentimes group work will be required, so a positive attitude and good communication is necessary.

If you are absent, feel free to e-mail me asking for filled in notes, worksheets, etc. to stay on top of the material. Schedule an open lab at the earliest time if you need to learn the lesson. If there was an assignment due on the day you were absent, it is due the first class day you are back.

Late assignments are graded for 50% of the earned grade, and if you do not turn them in by the end of the following LAP they will stay a 0%.

Please do not travel in groups to open labs. Only come to our open labs if you have math to work on, and please do not bring friends who do not have math to work on. Since this class is team-taught by Ms. Kondracki & Mrs. Albertson, any open lab activity may be completed in either open lab.

**Homework, Quizzes, Tests, Projects**

Homework is on [www.mathxlforschool.com](http://www.mathxlforschool.com) and will be assigned after most lessons. These assignments are *due* at the end of the LAP, but you must keep up on your homework daily. Before starting the next assignment, you must earn a 70% on the previous assignment. That means you must schedule an OL with a teacher immediately following an absence so that you can stay caught up.

There will be Mid-Chapter Quizzes each lap on mathxl. In order to take this quiz, you must have a 70% on all previous homework assignments before being allowed to take a quiz. Quizzes are formative, so if you take your quiz late is will be worth 50% of your earned grade. Quizzes will be taken in class but there is an option to retake it in Mrs. Albertson or Ms. Kondracki’s open lab one day following the quiz date.

Tests will be in the testing center for 3 full days and you must take it by the required due date if you are at school. In order to take the summative test, you must have completed all of your homework, with at least 70% accuracy.

There will be at least one projects a semester will be graded according to a rubric and should be taken seriously.

**Redo/Retakes**

Steps for redo

1. Complete original review on mathxl (100% accuracy)
2. Correct mistakes and review with an Algebra 3 teacher
3. Create a study plan with teacher to prepare for the retake
4. **E-mail** your teacher when and where you want to take the retake **24 hours ahead of time**

# Course Materials

## Required Materials

These materials should be brought to class **every day**

* TI-84 graphing calculator \*
* Binder to keep notes, handouts, and homework organized
* Charged device

\*If you do not have a graphing calculator by then end of the first cycle, you will get a demerit. If you do not have one after the second cycle, you will get a detention. If it is difficult for your family to buy one at this time, please come talk to me ahead of time to avoid a demerit/detention

## Textbook

**Intermediate Algebra for College Students 7th Edition**, Blitzer

# Course Schedule

| Lap |  | Topic |  |
| --- | --- | --- | --- |
| Lap 1 |  | Algebra, Mathematical Models, and Problem Solving |  |
| Lap 2 |  | Functions and Linear Functions |  |
| Lap 3 |  | Systems of Linear Equations |  |
| Lap 4 |  | Inequalities and Problem Solving |  |
| Lap 5  |  | Polynomials, Factoring |  |
| Lap 6 |  | Rational Expressions, Equations, Functions |  |
| Lap 9 |  | Exponential and Logarithmic Functions |  |