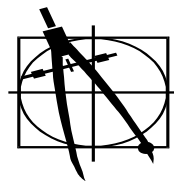


Algebra II
COURSE DESCRIPTION 2016-2017
Mr. Shionalyn



COURSE OVERVIEW:

At the end of this course, we want all students to confidently say:

- I am fluent with function notation, characteristics, and vocabulary.
- I can write an equation, solve and graph linear, quadratic, rational, exponential and logarithmic functions.
- I can use mathematical operations on polynomial functions and apply their characteristics to a graph.
- I can interpret statistical information, such as distributions and graphs.
- I can use algebraic modelling skills to solve real-world problems.

Expectations:

- **Be prepared** for class each day and arrive on time with all necessary materials.
- Have a willingness to **learn, problem solve, and grow** from your mistakes
- **Read and study** each lesson, completing all assigned problems.
- **Attend** class each day.

Supplies:

You are expected to bring the following materials EVERY day:

- 3-Ring Binder with graph paper (may be shared with another class)
- Pencils and erasers
- Calculator* (Required: Graphing, TI-83Plus, TI-84Plus OR Casio Graphing recommended)

Online Text:

The online textbook is available on the Holt website: <http://my.hrw.com>. Students will be given a username and password. The website also contains many resources for parents and students.

Grading:

Students will be given individual scores based on their ability to demonstrate the necessary mathematical skill for each standard. These scores are fluid and students may raise them by demonstrating the required skills at any point during the year.

- **Quizzes and Tests (50%):** Quizzes will be given routinely throughout the year to gauge progress on each standard. Students receiving below a 3 on any standard are required to do corrections before a score will be entered. Failure to complete corrections may result in a zero. There will be a cumulative final each semester providing another chance to demonstrate learned skills.
- **Projects (50%):** Projects will be given once per unit in order to provide students an opportunity to examine the applications of mathematics in other fields. A project based final will be given each semester.

Current progress will be updated routinely in Skyward for parents and students to access. In general, each standard is graded by following rubric:

- 4 (A) – Student has shown in-depth application of concepts and skills.
- 3 (B) – Student has shown a deep understanding of concepts and skills with minimal errors.
- 2 (C) – Student has shown some knowledge of concepts and skills while making a few major errors and/or requiring minimal assistance.
- 0 (F) – Student has yet to provide any evidence of understanding.

Late Work Policy:

Students may make up missed quizzes any time before or after school during office hours. Late projects may only be turned in after students have met with the teacher by appointment before or after school for an in-depth discussion of their work. Study Hall is available by appointment only.

Contact:

396-3383, kshionalyn@nkschools.org
khs.nkschools.org/staff_sites/kshionalyn/algebra2
Room 168: Office Hours (M-F 7:30-7:50; MT*ThF 2:25-2:55)

THANK YOU.

Keenan Shionalyn

*KHS Library has limited calculators available for those who cannot afford one, check with Mr. Shionalyn if you need to use this resource

**Textbooks are available on the internet. No special software is required. Students without internet access may qualify for reduced cost internet.

Families can find out more information at <http://www.internetessentials.com> or call 1-855-846-8376.