

**Math II (Common Core)**  
**Course Expectations & Academic Syllabus**

“Most people give up right before they get what they want” – Mike Barwis

**A. Course Objectives**

Students will master the key concepts of Integrated Math II as aligned with national Common Core standards with a focus on DOK.

**B. Course Description**

This course is a formal development of mathematical thinking and concepts in preparation of more advanced math courses. The course explores the principles of quadratic expressions and functions in a variety of real world applications and tasks, including their connections to circles. Students will be expected to explain their mathematical reasoning (through writing and proofs), and use problem-solving skills. Three key aspects are collecting/examining data, reasoning, and applying mathematical ideas to the real world. Units of instruction include: *Complex Numbers, Quadratic Functions, Quadratic Expressions & Equations, Independent/Conditional Probability, Circles, Similarity & Geometric Proofs.*

**C. Textbook**

Students will be provided with all necessary instructional materials during class. It is expected that these will be kept for purposes of further study and review.

**D. Materials Students will need to bring EVERY DAY:**

- Math Binder (3 ring)
  - ◆ Four Section Dividers
    - 1 - HW
    - 2 - Notes
    - 3 - Classwork
    - 4 - Projects
- Charged Chromebook
- Pencils (mechanical are strongly recommended) AVOID PEN!
- Lined Paper & Calculator

**E. Homework**

Homework will be assigned and checked several times a week. All HW must be done in pencil. It must be 100% finished by the beginning of class on due date to receive full credit, otherwise it is late. Late HW can only be turned in with its Unit Packet on test days for partial credit.

**F. Testing**

Quizzes and tests will be given throughout each of the six units. There will also be one benchmark test per unit, as well as a final at the end of each semester.

**G. Method of Grading and Scale (Approximately):**

40% Quiz Tests (including: Benchmarks & Finals)	90-100% = A
20% Class / Homework	80-89% = B
20% Projects	70-79% = C
20% Class Participation & Notes	60-69% = D
	0-59% = F

## H. Classroom Rules

- a. Be in your seat and prepared to work **when the bell starts to ring**. Failure to do so results in a tardy.
- b. Come prepared with all class materials.
- c. **RESPECT** yourself and all others in the class.
- d. Contribute positively to the learning environment.

## I. Absences

There is no substitute for regular class attendance. In the event of an absence, you need to do the following:

1. See Mr. Fitzgerald **before school** to pick up missed work, or **check the WEBSITE**.
2. Get a copy of the missed class notes from a fellow classmate
3. You have 2 days per verified day absent to turn in missed HW (example: absent Mon, work due Wed.)
4. Any assignments due prior to absence are due on first day back, or they will be late.
5. Missed quizzes and tests will need to be made up before/after school or lunch. It is **your responsibility to schedule this time with Mr. Fitzgerald before school / class or after school / class.**

## J. Miscellaneous

- ***Tardy means you are not in your seat ready to work when the bell rings.***
- All notes, homework, quizzes, and tests will be done in **pencil**. Work done in pen will be ignored.
- Cheating will result in an automatic grade of zero, a teacher detention, a call home, and maybe administrative discipline up to a F for the semester.
- **Water is OK; all other foods/drinks are not allowed.**
- **Inappropriate behavior, in the presence of a substitute teacher, will result in a teacher detention and a zero for the day's participation points.**
- Disruptive behavior (including but not limited to: talking, being out of seat, applying make-up/lotion, etc) will not be tolerated. No one will interfere with the learning environment.
- **ALL PERSONAL ELECTRONIC DEVICES ARE TO BE OFF AND OUT OF SIGHT unless otherwise directed by Mr. Fitzgerald. This is your warning. Devices being used in class will be dealt with by Student Services.**
- **Make sure to follow all school rules.**

## K. Tutorial and Teacher Hours

*I am looking forward to working with you and helping you succeed!* To do this, I offer weekly opportunities for you to get extra support for any questions you may have.

WHEN

WHERE

DAYS

Before School (7:30 - 8:00 am)

Classroom F-14

M&T TH&FR

To help start the year, you can receive 25 Test points for turning in the next page:

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*Keep this page in your Math Binder: General Section / also located on my webpage*

TURN IN THIS PAGE ONLY.

Name:  
Date:  
Per.:

By signing, I acknowledge I have read this syllabus with my parent(s)/guardian(s), and I agree to follow these procedures.

Student Name: \_\_\_\_\_

Student Signature: \_\_\_\_\_

**For Parents:**

Please sign this handout indicating that you have read and understand the class rules. If you have any questions or concerns during the year, feel free to contact me by calling the school and leaving a message (209-325-1402) or through e-mail (Wfitzgerald@muhsd.org). I will try my best to get back to you within 24 hours.

Parent/Guardian Name(s) \_\_\_\_\_ *Circle:* (mom / dad / other)

Parent/Guardian Signature: \_\_\_\_\_

Parent E-mail Address: \_\_\_\_\_

Parent Phone#: \_\_\_\_\_ (home)

\_\_\_\_\_ (cell)

\_\_\_\_\_ (other)

Best time to call: \_\_\_\_\_

Comments, or anything you feel I should know about your student:

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