



## PRACTICAL COLLEGE MATH COURSE SYLLABUS

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### COURSE OVERVIEW

At the end of this course, you will be able to:

- Perform order of operations when working with whole numbers, fractions, decimals, integers, and rational numbers.
- Estimate, round, and identify properties of real numbers.
- Evaluate expressions involving exponents and square roots.
- Convert between fractions, decimals, and percent.
- Solve problems using proportions and percent.
- Analyze data using statistics. (Mean, median, mode, range of data sets)
- Construct and interpret line, bar, and circle graphs.
- Read and interpret measurement scales.

This is a hybrid course where each lesson is comprised of both online and written assignments. Writing out your solutions in a clear and concise way is a critical part of learning in this class. Knowing how to do the problems in your head is one thing, but presenting your knowledge to others in a written format demonstrates a much higher level of understanding. This class provides a lot of flexibility, but this flexibility can make it easier for you to get behind. If you keep up with the assignment schedule, you will be fine. Attendance is a required part of the course. If you cannot attend regularly, you may not be successful in this course.

This course utilizes the materials and website for Math082 from Scottsdale Community College. F

### NEEDS AND RESOURCES/Prerequisites

Any of the following courses: Passing grades in Algebra 2 Concepts, and/or Algebra 2

### REQUIRED MATERIALS

To successfully complete this course, you will need

- Notebook for storing handwritten notes
- Writing implement (preferably pencil)/Pencils are available for 25 cents
- Regular access to a computer

Print/Online Resources: <https://mathas.pvc.maricopa.edu>

### COURSE SCHEDULE

\*This schedule is subject to adjustments deemed necessary by the math department or instructor

Additional Note: This course counts for  $\frac{1}{2}$  credit each semester for high school graduation credit. However, the course is not "college" recognized. Most colleges/universities view this course as a math elective.

# POLICIES AND PROCEDURES

## **HOMEWORK:**

**Homework is practice and is graded for completion, not accuracy. Time and study outside of the classroom will be required for HW completion.**

Assignments (and exams) are listed on POWERSCHOOL and are posted weekly on the classroom whiteboard. POWERSCHOOL assignment listings are updated approximately one week in advance. Homework completion earns full credit (100%) only if submitted on its due date. Tardiness to class will penalize the HW assignment by 25%. Late assignments incur a 30% penalty for students who were present when the assignment was issued.

Excused absentees have the same number of days to make up the work as the number of days absent. Absentees need to consult POWERSCHOOL to view the missed work assigned. In addition, absentees need to log onto <https://mathas.pvc.maricopa.edu> with their school 205 account and watch the online lesson videos to catch up on missed instruction.

## **GETTING HELP:**

***THE APPROPRIATE TIME TO ASK QUESTIONS IS IN CLASS DURING GROUP DISCUSSION.*** A generous amount of class time is devoted to group discussion. Solutions for the previous day's assignment are thoroughly discussed the next day in class...so have questions ready. Therefore, it is imperative to complete assignments with best effort so meaningful questions can be addressed during discussion. Self-advocacy and self-reliance is expected.

For additional support, the online textbook and lesson tutorial videos are available at <https://mathas.pvc.maricopa.edu> (Use your school 205account username and password for access.) If the aforementioned support is not sufficient, competent private or peer tutoring is recommended. Getting together with a "study buddy" or a "study group" can also help. Brief questions can be addressed by e-mailing Mrs. Everetts at [meveretts@fhusd.org](mailto:meveretts@fhusd.org).

## **BELLWORK:**

Bellwork includes all start-of-class expectations including note-taking, warm-up problems, lesson quizzes, or quiz/test prep assignments. Bellwork affects the HW grade per day. Students who are tardy to class or who fail to begin working on the Bellwork activity at the start of class will lose 25% off of their HW grade for the day. Class time is valuable so it is important for students to be on time and begin the activity presented at the start of class.

## **QUARTER GRADING:**

***(Using standard grade percentage scale)***

Assignments/Bellwork average = 20% of the total quarter grade

Quiz average = 30% of the total quarter grade

Test average = 50% of the total quarter grade

## **SEMESTER GRADING:**

1<sup>st</sup> Semester = 1<sup>st</sup> Quarter (40%) + 2<sup>nd</sup> Quarter (40%) + Midterm Exam (20%)

2<sup>nd</sup> Semester = 3<sup>rd</sup> Quarter (40%) + 4<sup>th</sup> Quarter (40%) + Final Exam (20%)

## **ADDITIONAL INFORMATION:**

### **HALL PASS:**

Students may **not** use the hall pass during the initial 10 minutes of class or during class instruction. It is best to get drinks and use the restroom during the passing period allotted between classes. Students are given 5 Hall Pass Coupons to be used for one semester. To use the hall pass at an appropriate time, students must present their student ID, submit a Hall Pass Coupon, and complete the sign out sheet to use the Hall Pass. Time allotment for Hall Pass use is 5 minutes. It is to be used by only one person at a time and is not valid in the school parking lot, off campus, or for a visit to the Nurse's Office. A special pass is written for the nurse.

### **DISCIPLINE:**

Behavior problems will be handled individually and in accordance with current High School and District Policy. For an exact listing, refer to your student handbook.

### **PERSONAL NEEDS:**

ALL medication (prescription or over-the-counter) needs to be checked into the nurse's office. Unauthorized medication found on students is considered a substance abuse offense.

### **CELL PHONES AND ELECTRONIC DEVICES**

- Cell phones are to be turned off and stowed away as if you were attending a movie or other performance.
- Cell phones are NOT an acceptable calculator.
- Electronic devices used for entertainment or any items that do not contribute to learning and attentiveness are not permitted in the classroom. Students are here to learn, so respectful attention is expected during class.
- Frequent abuse of these policies will get the item confiscated. Your parent or guardian will be able to retrieve the item in the main office at the end of the school day.
- ANY ELECTRONIC DEVICE OUT DURING AN EXAM WILL BE CONFISCATED AND CONSIDERED AS AUTOMATIC CHEATING. THE EXAM WILL BE GRADED AS A ZERO!

**SUMMARY OF CLASSROOM POLICIES/RULES FOR SUCCESS:**

- Attendance class regularly and be on time.
- Enter class quietly/respectfully and begin bell-work immediately
- Be prepared to learn/ Bring necessary materials each day
- Show respect for *everyone* in the classroom.
- No Gum, Candy, Food, or Drinks. (Capped water bottles only.)
- All electronic devices must be off and stowed away during class.
- Dress appropriately.
- Treat classroom equipment with respect.
- Contribute to a safe and productive learning environment
- Take responsibility for your learning---be attentive, complete assigned work with quality mental effort
- Participate in group discussion/Ask questions in class during discussion
- Take pride in doing your “personal best”. Develop good work ethic/ study habits. (This is an important life skill for your future.)
- Parents and students should **check POWERSCHOOL regularly** to keep informed of student performance.

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**The Falcon Way: accountability, discipline, excellence, integrity, professionalism, respect, and responsibility.**

**Math is like music lessons: If you don't practice, then you won't learn the song.**

**Math is sequential: If you have a strong foundation from the previous level, only then will you have the skills to build the next level.**

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**TEACHER CONTACT INFORMATION**

- Mrs. Everetts
- Building B/ Room 100
- meveretts@fhusd.org
- 480-664-5552

\*Disclaimer: Any of the guidelines listed in this syllabus are subject to change at the discretion of the teacher.

## Acknowledgement Form/ Please sign and return

I have read and reviewed the Course Guidelines for Mrs. Everetts's mathematics class. If I have any questions or concerns, I will contact Mrs. Everetts by e-mail at [meveretts@fhUSD.org](mailto:meveretts@fhUSD.org) or by telephone at (480) 664-5552.

Student name (printed): \_\_\_\_\_

Student signature: \_\_\_\_\_

Mathematics class: \_\_\_\_\_

Period: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Parent Phone #: \_\_\_\_\_

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

Student Computer access from home?

\_\_\_\_\_ Yes \_\_\_\_\_ No

\*If computer access is not available from home the student will need to use the school library to access necessary online materials.