

Course Description for FOCA/Math FIRS³T
2018-2019 School Year
ARUNDEL HIGH SENIOR HIGH
MATHEMATICS DEPARTMENT

Teachers: Ms. Wist lwist@aacps.org Mrs. Nakanishi tnakanishi@aacps.org
Ms. Suppich ssuppich@aacps.org Mr. Devane tdevane@aacps.org

FOCA LAB in room C203

Course Overview for College Algebra

- ❖ Real Numbers, Linear Equations and Inequalities
- ❖ Graphs, Linear Equations, Functions and Systems in Two and Three Variables, Systems of Equations
- ❖ Exponents, Polynomials and Factoring
- ❖ Rational Expressions and Functions
- ❖ Quadratic Equations, Inequalities and Polynomial Functions
- ❖ Roots, Radicals and Root Functions
- ❖ Additional Graphs of Functions and Relations

Classroom Rules:

The student should:

1. Be on time to class.
2. Attend class regularly.
3. Participate in and complete all activities.
4. Help create a learning environment.
5. Follow any other class rules discussed during class.

Materials:

Text: Algebra and Trigonometry for College Readiness by M. Lial & J Hornsby, 2011
MyLabsPlus Student Access Code

The student should bring with them to class every day:

1. 3 subject notebook or a loose leaf binder with a section specifically for Math FIRS³T.
2. Paper, pencil, and a highlighter.
3. Graph paper (50-80 sheets)
4. **TI-83 or TI-84 Graphing Calculator** (If you need to rent one from the school, please let me know.)
5. Bring a pair of earphones/ear buds for listening to videos during class time.

Course Structure All sections of Foundations of College Algebra are meeting the FOCA LAB in room C203 where traditional lecture will be replaced with in-class opportunities to learn and practice mathematics.



- Attend class and stay on task to maintain $\geq 90\%$.
- Complete sections in the Note Taking Guide using the online multimedia textbook.
- Work and record the online Practice Problems for each section with a score $\geq 90\%$.
- Get one-on-one help from your instructor while working on notes and problems.
- Get additional help during Pride Period Tuesday through Friday in C203 or C209.
- After the notes and problems are complete, pass the Checkpoint Quiz with a score $\geq 80\%$.
- To take a Proctored Quiz/Test, present the Note Taking Guide for instructor approval and have an A & P Grade ≥ 90 . Your Note Taking Guide must be approved in order to test!
- Pass all Proctored Quizzes/Tests at the required mastery levels (See the Grading Policy below).

Homework:

Students are required to complete all assignments, check point quizzes, and test in the class room. If additional time is required to stay on task, then student **MUST DO ADDITIONAL ASSIGNMENTS AT HOME**. Staying on task will guarantee completion of the course by the end of the first semester.

What is a Drop Dead Date? /High School Grading Policy

- *Drop Dead Date* is a legal term used in business contracting which sets the date that a project **MUST** be completed. If the project is **NOT** completed by the Drop Dead Date, a “MIN” will be recorded in the high school gradebook.
- If a “MIN” in the high school gradebook is not replaced with a passing grade by the end of a marking period, then the “MIN” remains in that marking period. The student is required to take that same test for a grade in the following marking period regardless of the time of year.
- Once the student passes an assessment the grade will be entered in the high school grade book along with a 100% for both class work and home work. No class work or homework grades will be entered prior to passing the assessment.
- Thus, it is much better to avoid the Drop Dead penalties and uphold the contract of following the course schedule in order to successfully complete the course by the end of the semester.

GRADING POLICY

Report card grades are assigned using the following table:

grade	A	B	C	D	E
score	100- 89.5	89.49- 79.5	79.49- 69.5	69.49- 60	59-0

Marking period grades will be comprised of the following elements:

70%	Tests/ Quizzes	Tests, quizzes, graded assignments/problem sets, and/or projects that are graded for accuracy and precision.
10%	Homework	Classwork, homework, and other activities that will be graded for effort and completion. Homework assignments will be clearly identified.
10%	Notebook	Completion of notes in Note Taking Guide
10%	Quarterly Assessment	Summative, county wide assessment administered at end of quarter; not eligible for redo
100%	Total	

Grade Summary:

All high school courses shall have a minimum of nine separate assignments or assessments, an average of one grade per week for course content, skills and mastery in addition to homework.

Each of the two marking period grades shall weigh 50% of the semester grade. Students will be assessed both informally and formally throughout each unit.

Teachers shall assign a minimum grade of 50% to assignments or assessments for which the student has not completed by the Drop Dead Dates. "Min" are assigned to students who attend and attempt the work in a timely manner. When Pearson's records indicate no work is being accomplished the student will receive a grade of zero.

Re-do Policy in Accordance with AACC Grading Regulations

To allow potential corrective action, teachers shall communicate with the parents of students who are in danger of failing.

Academic Integrity:

To promote the pursuit of academic excellence in both teaching and learning, students are expected to conform to specific standards of academic integrity. Academic integrity is an integral part of promoting self-respect, trust, student achievement, and positive relationships among all stakeholders in our school community.

Extra Help:

Students are encouraged to seek help as soon as possible. Extra help will be available during Pride Period on Tuesdays through Friday in C203 or C209.

Behavioral Expectations:

Arundel High School students, staff, and visitors will make a pledge and commitment to their school and its mission. In doing so, students show respect for themselves, learning, others, and property.

Attendance:

Attendance is extremely important due to proctored assessments being given in C203 ONLY. Proctored assessments CANNOT be taken at home...NO EXCEPTIONS.

