



**JOHN F. KENNEDY HIGH SCHOOL
COURSE SYLLABUS
DEPARTMENT OF MATHEMATICS**

1.	COURSE NUMBER, TITLE, UNITS AND PRINCIPAL/DEPARTMENT APPROVED DESCRIPTION	
	Math 3 (Two semesters; 5 units each semester; 10 units total)	
2.	GENERAL INFORMATION	
	Term and year:	2019-20
	Instructor:	Ms. M. Coffin (formerly “Sault”)
	Class Room:	C- 312
	E-mail address & Phone:	Martha-Sault@scusd.edu (916) 395-5090 x506312
3.	TEXTBOOKS AND/OR RECOMMENDED OR REQUIRED READINGS	
	<p><i>Integrated Math III</i>, Walch Education, Portland, ME; 2017) Student Resource Book (Textbook) and 6 Work Books Workbooks are used for homework and in-class note taking. Also, materials pulled from other sources, including HBJ Algebra 2, with Trigonometry, (2nd ed.) & other sources.</p>	
4.	GENERAL OVERVIEW	
	<p>Students will acquire and demonstrate knowledge of the concepts, definitions and properties required to meet the Integrated Mathematics III standards. Students will develop critical thinking and decision-making skills by connecting concepts to practical applications needed to be productive members of society. All students are expected to demonstrate the following objectives:</p> <ul style="list-style-type: none"> • Students should be able to work with functions represented in a variety of ways: graphical, numerical, analytical, or verbal. Students should understand the connections among these representations. • Students should be able to communicate mathematics both orally and in well-written sentences and should be able to explain solutions to problems. • Students should be able to model a written description of a physical situation with a function. 	

	<ul style="list-style-type: none"> • Students should be able to handle a faster and more rigorous curriculum with an expectation of higher-level thinking. • Students should be able to use technology (graphing calculators and graphing software) to help solve problems, experiment, interpret results, and verify conclusions. <p>Students should be able to determine the validity of solutions, including sign, size, relative accuracy, and units of measurement.</p>
5	COURSE REQUIREMENTS, ATTENDANCE AND SPECIFIC GRADING POLICY
	<p>Grades are based on demonstrated mastery of concepts and development of skills, not effort or potential. <i>A major component of your grade is determined by your results on assessments.</i> Progress reports are available on the District Web site in Infinite Campus.</p> <p>Assignments are a guide as to what is most important and what will be tested. Assignments are given daily. <i>Students not actively engaged in assignments and study will most likely fail the class.</i> Plan 40 minutes of study time daily.</p> <p>The math dept. complies with district protocol that can be viewed at www.scusd.edu.</p>
6.	DESCRIPTION OF MAJOR ACTIVITIES/EXERCISES/PROJECTS
	<p>Instructional Strategies and Activities Include:</p> <ul style="list-style-type: none"> · Lecture on concepts and techniques · Presentation/modeling of examples and strategies · Large and small group discussions and explorations · Reading and writing assignments · Practice and learning through classwork and daily assignments · Applications to demonstrate relevance and extend learning · Active student engagement in group work and discussions · Quizzes, and tests to encourage and monitor learning
7.	GENERAL STATEMENTS
	<p>CLASSROOM BEHAVIOR EXPECTATIONS: The following summarize important expectations for classroom behavior.</p> <p>Students are expected:</p> <ul style="list-style-type: none"> • Be on time & be prepared; • Get permission before talking or leaving your seat; • Treat each other, the teacher & other school property with respect; <p>Also, there is:</p> <ul style="list-style-type: none"> • No gum, candy, food or drink. Water with a top is acceptable; • No cell phone/ electronic devices out in class. Headphones <i>invisible</i>. Keep devices on silent mode/ OFF; • No backpacks, sweaters, purses or other objects on lap or desk top;

	<p>Finally:</p> <ul style="list-style-type: none"> • Follow all school-wide rules; • Attempt all assignments & classwork with an open mind, a positive attitude and a willingness to work hard. <p>HOMEWORK AND STUDY: Homework and student study is an essential part of your education. Any student expecting to do well in this course should carefully read the text and do all the assigned work.</p> <p>CHARACTERISTICS OF QUALITY WORK: Using the following guidelines will help you master the Math 1 objectives. Quality work has the following characteristics.</p> <ul style="list-style-type: none"> • Is complete with full solution. • Homework problems should also be completed • The supporting work for each problem is shown completely using proper algebraic, graphing and geometric conventions and notations. • The work is done neatly. • The work is done accurately. <p>CHARACTERISTICS OF A SUCCESSFUL STUDENT: Students that are successful in school generally exhibit the following traits:</p> <ul style="list-style-type: none"> • Is consistently present for class. • Desires to learn the material presented. • Uses time wisely. • Does practice work, study, and test preparation. • Asks thoughtful questions during class and is willing to listen to all answers. • Actively participates in class and gets extra help when needed. <p>CALCULATOR USE AND EXPECTATION: A scientific calculator is necessary for this course. A TI-84 calculator is recommended. <u>Cell phone calculators are not permitted.</u></p>				
<p>9.</p>	<p>COURSE REQUIREMENTS, ATTENDANCE AND GRADING POLICY</p>				
	<p style="text-align: center;"><i>Manage the details – your grade depends on it!</i></p> <p>Grading Scale:</p> <p>90% - 100% A 80% - 89.9% B 70% - 79.9% C 60% - 69.9% D 0 % - 59.9% F</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 20%;">20%</td> <td>Homework, In-class Assignments, Project</td> </tr> <tr> <td>80%</td> <td>Quizzes, Problem Solving Assessments, Tests, Projects & Semester Final</td> </tr> </table>	20%	Homework, In-class Assignments, Project	80%	Quizzes, Problem Solving Assessments, Tests, Projects & Semester Final
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	<p>Test Re-takes: All tests (& most quizzes) can be re-taken. Here is how credit is awarded for re-takes:</p> <ul style="list-style-type: none"> • You can earn back up to 30% of the points missed on the test; • The re-take will cover equivalent skills as the original exam but will be shorter &; • No re-takes 2 weeks prior to the end of semester. <p>Late work resulting from student absences will only be accepted if absence is excused through the attendance office.</p> <p>Late work due to extra-curricular activities will not be accepted</p> <p>Zeros will be issued on ANY daily assignment or assessment to cheating students and the enabler.</p> <p><i>The teacher has the right to adjust assessments, daily assignments and due dates as necessary.</i></p>
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I have read this syllabus & understand it's terms and condition.
I understand that failure to respect these rules & guidelines may result in immediate consequences per the school wide rules & the rules of Ms. Coffin's classroom.

Looking forward to a successful school year!

Student: _____ Date: _____
(print name) (sign)

Parent(s): _____ Date: _____
(print name) (sign)