



2017-2018 COURSE SYLLABUS

EAP Senior Year Math Experience (Elective Credit)

School district teachers have partnered with faculty from Sierra Community College and California State University Sacramento as well as the Placer County Office of Education to develop an Early Assessment Program (EAP) Senior Year Math Experience course. The course is offered during the high school senior year, and it employs innovative, instructional methodologies in a contextual learning environment. The purpose of this course is to provide a post-Algebra 2, college preparatory mathematics experience so that students enter college ready for college-level math without remediation. Most classes will be done in collaborative group settings, solving real-world problems. This makes students the facilitators of their own education, allowing them to develop social-work skills necessary for future education and employment.

Pre-requisites: Students must have passed Algebra 2 or Math 3 both semesters.

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(916)395-5090x506114 or 800-4259

Please see Infinite Campus for more course information: <http://www.scusd.edu/#>

Textbook: There is no textbook. Materials will be provided as they are assigned.

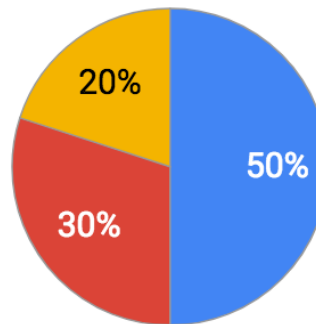
Required Materials: Composition notebook; folder; paper; pencil

Suggested Materials: 3-ring binder; graph paper; scientific or graphing calculator

Grading Policy

Weighted Grade Categories

- Journals and Quizzes
- Projects and Unit Tests
- Class Activities and Homework



GRADING SCALE

90% - 100%	A
80% - 89.9%	B
70% - 79.9%	C
60% - 69.9%	D
50% - 59.9%	F



2017-2018 COURSE SYLLABUS

JOURNAL REWRITES: Journals the largest proportion of the grade since they encourage growth in communication of math in a precise way. Therefore, if a student earns an unsatisfactory grade on a journal entry, he or she has one opportunity to rewrite it for full credit. All other grades are final.

MAKE-UP POLICY FOR ABSENTEEISM: When a student is absent, it is his/her responsibility to find out what assignments and notes were missed and make up that work promptly (typically 1 day is allowed for each day absent). Since class activities can never be duplicated exactly, and you will be journaling mostly about class activities, do not miss class if at all possible.

Course Outline:

The teacher serves as a facilitator or guide for students to direct their own learning.

- Daily review
- Daily number sense including mental math, number talks, and open-middle problems
- Daily learning through exploration, solving, and discussion in collaborative groups
- Daily exit slip to evaluate learning
- Detailed journal entries following each unit (4 to 5 weeks). Rubrics are provided.
- Assessments (Unit tests)

The course is divided into eight sections with the following titles.

Semester 1	Semester 2
Unit 1: Team Building & Problem Solving	Unit 4: Exponential Functions
Unit 2: Linear Functions	Unit 5: Logarithmic Functions
Unit 3: Quadratic Functions	Unit 6: Systems of Equations and Inequalities
	Unit 7: Absolute Value and Piecewise Functions
	Unit 8: Financial Mathematics

Course Goals :

- Ignite passion to learn
- Create problem identifiers & problem solvers while developing reasonability & number sense.
- Build a foundation for the future
- Be able to communicate mathematically in various ways.
- Test into college level mathematics
- Work as part of a collaborative team in a variety of situations.

Academic Expectations:

- Attendance – this course is very collaborative and participatory. So, being in class is essential.
- Work Ethic – in addition to attendance, you will be required to work with a group and participate enthusiastically and constructively.
- Journal – reflecting on your learning and thinking is a very important component of this class and an essential component to a successful college experience.
- Homework – there minimal homework UNLESS you are unable to finish your in class activities or journal prompts... in which case you may finish for homework. However, if you use this option as a way of not participating in class, you and your teammates will lose points.

ACADEMIC DISHONESTY: Academic dishonesty is considered a serious offense in my class. Students cheating will receive a zero grade for that assignment. I encourage collaboration on all assignments but I expect the work you hand in (assignments, exam/quiz, etc.) to be your own.



2017-2018 COURSE SYLLABUS

Behavioral Expectations:

CLASSROOM RULES: The following few rules guide classroom behavior and activity.

- If you make a mess, clean it up, but avoid making messes.
- If you move something, put it back where it belongs.
- If you need classroom materials, get them yourself without disruption.
- Respect the speaker, whether it is the teacher, a student, or someone else.

ELECTRONIC DEVICES: Electronics (music devices, cell phones, etc.) are to be turned completely off and away with exceptions for appropriate cell phone usage as discussed during class. Other technology will be available for class applications.

Extra Help: Tutoring schedules and locations will be posted in Counseling Office.