# **Course Description**

## A. COVER PAGE

1. Course Title	9. Subject Area
Pre-Algebra A	History/Social Science
2. Transcript Title / Abbreviation	English
pre-algebra-a	
3. Transcript Course Code / Number	X Mathematics
	Laboratory Science
4. School	Language other than English
Ernest Righetti High School	☐ Visual & Performing Arts (for 2003)
5. District	☐ Elective
Santa Maria Joint Union High School	Licetive
6. City	10. Grade Level(s)
Santa Maria	$9^{th}-12^{th}$
7. School / District Web Site	11. Seeking "Honors" Distinction?
http://www.smjuhsd.org	Yes x No
8. School Contact	12. Unit Value
Name: Kevin McNamara	x 0.5 (half year or semester equivalent)
Title/Position: Mathematics Department Chair	1.0 (one year equivalent)
Phone: (805) 937-2051 Ext.: 2505	2.0 (two year equivalent)
7 (905) 024 0910	Other:
Fax: (805) 934-0819	
E-mail: kmcnamara@smjuhsd.org	13. Date of School Board Approval
14. Was this course previously approved by UC? Yes	x No If so, year removed from list?
Under what course title?	
15 Y AL LAND WAS TO NO.	
15. Is this course modeled after an UC-approved course from another school? Yes X No	
If so, which school(s)?	
16. Pre-Requisites	
Completion of Basic Math and/or General Math with a Grade of "C" or better, or by (previous) Teacher	
Recommendation.	
17. Co-Requisites	
None	
18. Brief Course Description	
This is a two semester course for students who are not yet ready for Algebra I, and are still in need of mastering $6^{th}$ and $7^{th}$ grade standards.	
and / grade standards.	

#### **B. COURSE CONTENT**

#### Please refer to instructions

#### 19. Course Goals and/or Major Student Outcomes

This course is not a graduation requirement for the Santa Maria Joint Union High School District. Standards of expected student achievement: Upon completion of this course, students will be able to successfully demonstrate understanding of the following standards:

- 1. Algebraic Expressions and Integers
  - a. Order of Operations
  - b. Integers and absolute value
  - c. Adding, subtracting, multiplying and dividing integers
- 2. Solving one-step equations and inequities
  - a. Simplifying variable expressions
  - b. Solving equations and inequalities
- 3. Decimals and equations
  - a. Mean, median and mode
  - b. Metric System
- 4. Factors, fractions, and exponents
  - a. Scientific notation
- 5. Operations and Fractions
- 6. Ratios, proportions, and percents
  - a. Unit rates
  - b. Mark up and discount
  - c. Probability

#### 20. Course Objectives

- 21. Course Outline
- 22. Texts & Supplemental Instructional Materials

Pre-Algebra (2001-Prentice Hall) by Davison, Landau, McCracken, and Thompson.

- 23. Key Assignments
- 24. Instructional Methods and/or Strategies
- 25. Assessment Methods and/or Tools

Assigned homework, written examinations (multiple choice and free response) aligned to standards.

#### C. HONORS COURSES ONLY

Please refer to instructions

26. Indicate how this honors course is different from the standard course.

### D. OPTIONAL BACKGROUND INFORMATION

Please refer to instructions

- 27. Context for Course (optional)
- 28. History of Course Development (optional)