

**PALOMAR COLLEGE**  
**COURSE OUTLINE OF RECORD FOR**  
**CREDIT COURSE NOT APPLICABLE TO THE A.A. DEGREE**

(Use this form only for courses which do not apply to the A.A. Degree)

**COURSE NUMBER AND TITLE:** Math 17 – Supplemental Instruction for Prealgebra

**UNIT VALUE:** 1

**MINIMUM NUMBER OF SEMESTER HOURS:** 16

**BASIC SKILLS REQUIREMENTS:** Appropriate language and computational skills.

**ENTRANCE REQUIREMENTS**

**PREREQUISITE:** None

**COREQUISITE:** None

**RECOMMENDED PREPARATION:** None

**SCOPE OF COURSE:** Supplemental instruction for students enrolled in Math 15 – Prealgebra. Designed for students who need additional review of prealgebra topics.

**SPECIFIC COURSE OBJECTIVES:** The successful student will be able to:

1. Apply the prealgebra concepts learned in Math 15.
2. Solve problems using techniques learned in Math 15.

**CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:**

- I. Operations with integers, fractions, decimals and percents.
- II. Problem solving.
- III. Geometry – area, perimeter, and volume
- IV. Introduction to elementary algebra

**REQUIRED READING:** Text appropriate for the course such as the following:  
Aufmann, Richard N., Vernon C. Barker, and Joanne S. Lockwood. Prealgebra. Boston: Houghton Mifflin, 1994.

**OR**

Lienhart, Shannon, and Monika Brannick. Prealgebra: An Introduction to Practical Mathematical Thinking. Boston: Houghton Mifflin, 1997.

**SUGGESTED READING:** None

**REQUIRED WRITING:** Problem-solving exercises and calculator skills demonstration in homework assignments and tests are more appropriate.

**OUTSIDE ASSIGNMENTS:**

**Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short term classes.**

This preparation will include reading the textbook, reviewing lecture material, and completing the assigned problem sets, as deemed necessary by the instructor.

**INSTRUCTIONAL METHODOLOGY:**

**Check all that apply:**

- lecture  
 laboratory  
 lecture-laboratory combination  
 directed study

**DISTANCE LEARNING:**

**This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.**

Yes \_\_\_ No X

**If yes, check all that apply.**

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)  
 Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)  
 Two-Way Video Conferencing (Two-way interactive video and audio)  
 One-Way Video Conferencing (One-way interactive video and two-way interactive audio)  
 Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

**GRADING POLICY AND STANDARDS** (include methods of determining whether the stated objectives have been met by students):

Credit/No credit	Participation	10% - 100%
	Quizzes and practice tests	10% - 30%

**IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?**

Yes X No \_\_\_\_\_ Number of times course may be taken for credit: 2

If yes, identify specific provision of Title 5 Division 2 section(s) 55761-55763 and 58161 which qualifies course as repeatable:

Section 58161 d2A and Section 58161 d2B

**CONTACT PERSON:** Cynthia Torgison      **EXTENSION:** 2550

**SIGNATURES:**

SIGNATURES ON FILE

Course outlines of record should be reviewed regularly and revised as necessary

**NOTE:** Some revisions to course outlines of record require Curriculum Committee approval, others may not. Please consult your dean or the Instruction Office if you need assistance.