

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 12 – Supplemental Instructional for Basic Arithmetic

UNIT VALUE: 1 unit

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 10 – Basic Arithmetic. Designed for students who need additional review of basic arithmetic topics.

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

1. Apply the arithmetic concepts learned in Math 10.
2. Solve problems using techniques learned in Math 10.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Arithmetic operations of addition, subtraction, multiplication, and division using whole numbers, fractions, and decimals.
- II. Order of operation and exponents.
- III. Problem solving techniques.

REQUIRED READING: Text appropriate to course such as the following:
Bittinger, Marvin L. Basic Mathematics. Addison Wesley, 1999.

SUGGESTED READING: None

REQUIRED WRITING: Arithmetic 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.

Outside assignments include completing homework assignments, reading the text, studying lecture notes and studying for tests.

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

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

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.