



El Camino College

COURSE OUTLINE OF RECORD - Approved

I. GENERAL COURSE INFORMATION

Subject and Number: Non-Credit English as a Second Language 07A
Descriptive Title: ESL for Math I

Course Disciplines: English as a Second Language (ESL): Noncredit

Division: Humanities

Catalog Description: ESL for Math I helps students acquire the English necessary to do basic math. Students practice their listening, speaking, reading, and writing skills related to math concepts such as numbers, measurement, addition, subtraction, multiplication, and division. This course provides ESL support for students who plan to take or who concurrently take Math 12, Math 23, or Math 37.

Conditions of Enrollment: **Recommended Preparation**
 Non-Credit English as a Second Language 03D

Course Length: Full Term Other (Specify number of weeks):
Hours Lecture: 3.00 hours per week TBA
Hours Laboratory: hours per week TBA
Course Units: 0
Min/Max Hours: 54

Grading Method: No Grade
Credit Status: Non Credit

Transfer CSU: Effective Date: Proposed
Transfer UC: Effective Date: Proposed

General Education:

El Camino College: _____

CSU GE: _____

IGETC: _____

II. OUTCOMES AND OBJECTIVES

A. COURSE STUDENT LEARNING OUTCOMES (The course student learning

outcomes are listed below, along with a representative assessment method for each. Student learning outcomes are not subject to review, revision or approval by the College Curriculum Committee)

1. Upon completion of the course, students will be able to comprehend basic key words associated with operations involved with word problems.
2. Upon completion of the course, students will be able to interpret math problems involving whole numbers, fractions, decimals, and percentages.
3. Upon completion of the course, students will be able to comprehend class discussions and lectures involving measurements, numbers, addition, subtraction, multiplication, and division.

The above SLOs were the most recent available SLOs at the time of course review. For the most current SLO statements, visit the El Camino College SLO webpage at <http://www.elcamino.edu/academics/slo/>.

B. Course Student Learning Objectives (The major learning objective for students enrolled in this course are listed below, along with a representative assessment method for each)

1. Read, write, and pronounce vocabulary involved in the use of fractions, decimals, percents, and measurement operations.
Objective Exams
2. Demonstrate comprehension of discussions and lectures involving measurements, numbers, addition, subtraction, multiplication, and division.
Other exams
3. Demonstrate comprehension of word problems involving addition, subtraction, multiplication, and division.
Other exams

III. OUTLINE OF SUBJECT MATTER (Topics are detailed enough to enable a qualified instructor to determine the major areas that should be covered as well as ensure consistency from instructor to instructor and semester to semester.)

Lecture or Lab	Approximate Hours	Topic Number	Major Topic
Lecture	14	I	The Language of Numbers A. Ordinal (e.g., first, second, etc.) B. Cardinal (e.g., one, two, etc.) C. Decimals (e.g., tens, tenths, etc.) D. Fractions (e.g., one third, two fifths, etc.) E. Percents, ratios, and proportions F. Order of operations G. Rounding and estimating H. Types of numbers 1. Whole

			<ul style="list-style-type: none"> 2. Natural 3. Integers 4. Rational and irrational I. Inequalities
Lecture	6	II	Language Related to Measurement <ul style="list-style-type: none"> A. Measuring with a ruler (e.g., a quarter of an inch) B. Area and perimeter C. Volume (e.g., half a quart) D. Time (e.g., twenty past seven, a quarter til, etc.) E. Weight F. Temperature G. Units
Lecture	12	III	Addition and Subtraction <ul style="list-style-type: none"> A. Vocabulary (e.g., add, sum, increase, decrease, less, minus, etc.) B. Word problems
Lecture	12	IV	Multiplication <ul style="list-style-type: none"> A. Vocabulary (e.g., product, by, times, etc.) B. Word Problems
Lecture	10	V	Division <ul style="list-style-type: none"> A. Vocabulary (e.g., quotient, goes into, how many times, etc.) B. Word Problems
Total Lecture Hours		54	
Total Laboratory Hours		0	
Total Hours		54	

IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

A. PRIMARY METHOD OF EVALUATION:

B. TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:

Think of at least two different ways to say the following mathematical equations.

Then, share with a partner the ways you can say the equations.

I. $1 + 1 = 2$

II. $5 - 3 = 2$

III. $10 \times 10 = 100$

IV. $632 \div 2 = 316$

C. COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:

1. N/A

2. N/A

D. OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:

Performance exams

Objective Exams

Oral exams

Quizzes

Class Performance

Homework Problems

V. INSTRUCTIONAL METHODS

Demonstration

Discussion

Group Activities

Lecture

Role Play

Note: In compliance with Board Policies 1600 and 3410, Title 5 California Code of Regulations, the Rehabilitation Act of 1973, and Sections 504 and 508 of the Americans with Disabilities Act, instruction delivery shall provide access, full inclusion, and effective communication for students with disabilities.

VI. WORK OUTSIDE OF CLASS

Study

Answer questions

Skill practice

Required reading

Problem solving activities

Estimated Independent Study Hours per Week: 3

VII. TEXTS AND MATERIALS

A. UP-TO-DATE REPRESENTATIVE TEXTBOOKS

B. ALTERNATIVE TEXTBOOKS

C. REQUIRED SUPPLEMENTARY READINGS

"Mathematics for New Speakers" from Saddleback Educational Publishing (2005).
Discipline standard

D. OTHER REQUIRED MATERIALS

Instructor-selected materials and instructor-created materials

VIII. CONDITIONS OF ENROLLMENT

A. Requisites (Course and Non-Course Prerequisites and Corequisites)

Requisites	Category and Justification
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B. Requisite Skills

Requisite Skills

C. Recommended Preparations (Course and Non-Course)

Recommended Preparation	Category and Justification
Course Recommended Preparation English as a Second Language-03D	

D. Recommended Skills

Recommended Skills
Use context clues, specific words/phrases, and pictures/captions to determine meaning of texts. ESL 03D - Use context clues, specific words/phrases, and pictures/captions to determine meaning of texts.
Use graphic organizers, charts, diagrams, pictures, and context clues to make inferences about texts. ESL 03D - Use graphic organizers, charts, diagrams, pictures, and context clues to make inferences about texts.
Write simple expository paragraphs. a. comparing and contrasting b. cause and effect c. informal letters d. short summaries ESL 03D - Write simple expository paragraphs. a. comparing and contrasting b. cause and effect c. informal letters d. short summaries
Scan a simple paragraph for the main idea (explicitly stated or implied) and supporting details. ESL 03D - Scan a simple paragraph for the main idea (explicitly stated or implied) and supporting details.
Predict content of a reading selection and scan the text to confirm specific information. ESL 03D - Predict content of a reading selection and scan the text to confirm specific information.

E. Enrollment Limitations

Enrollment Limitations and Category	Enrollment Limitations Impact
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Course created by Matthew Kline on 10/03/2016.

BOARD APPROVAL DATE: 05/22/2017

LAST BOARD APPROVAL DATE:

Last Reviewed and/or Revised by Lavonne Plum on 10/03/2016

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