EL CAMINO COLLEGE
COURSE OUTLINE OF RECORD – Approved

Course Acronym:	NESL
Course Number:	07A
Descriptive Title:	ESL for Math I
Division:	Humanities
Department:	English as a Second Language
Course Disciplines:	English as a Second Language
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.
Prerequisite:	
Co-requisite:	
Recommended Preparation:	Noncredit English as a Second Language 03D
Course Length:	Full Term
Hours Lecture (per week):	3
Hours Laboratory (per week):	0
Outside Study Hours:	6
Total Course Hours:	54
Course Units:	0
Grading Method:	P/NP/SP
Credit Status:	Non Credit
Transfer CSU:	No
Effective Date:	
Transfer UC:	No
Effective Date:	
General Education: ECC	
Term:	
Other:	
CSU GE:	
Term:	
Other:	
IGETC:	
Term:	
Other:	

Student Learning Outcomes:	**SLO #1** Upon completion of the course, students will be able to comprehend basic key words associated with operations involved with word problems. **SLO #2** Upon completion of the course, students will be able to interpret math problems involving whole numbers, fractions, decimals, and percentages. **SLO #3** Upon completion of the course, students will be able to comprehend class discussions and lectures involving measurements, numbers, addition, subtraction, multiplication, and division.
Course Objectives:	1. Read, write, and pronounce vocabulary involved in the use of fractions, decimals, percents, and measurement operations. 2. Demonstrate comprehension of discussions and lectures involving measurements, numbers, addition, subtraction, multiplication, and division. 3. Demonstrate comprehension of word problems involving addition, subtraction, multiplication, and division.
Major Topics:	**I. The Language of Numbers (14 hours, lecture)** 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 2. Natural 3. Integers 4. Rational and irrational I. Inequalities **II. Language Related to Measurement (6 hours, lecture)** 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 **III. Addition and Subtraction (12 hours, lecture)** A. Vocabulary (e.g., add, sum, increase, decrease, less, minus, etc.) B. Word problems **IV. Multiplication (12 hours, lecture)** A. Vocabulary (e.g., product, by, times, etc.) B. Word Problems **V. Division (10 hours, lecture)**

	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
Primary Method of Evaluation:	3) Skills demonstration
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 x 10 = 100 IV. 632 ÷ 2 = 316
Critical Thinking Assignment 1:	What a short (approximately 4 sentences) addition word problem and then answer the problem. Be sure to show your work.
Critical Thinking Assignment 2:	What a short (approximately 4 sentences) division word problem and then answer the problem. Be sure to show your work.
Other Evaluation Methods:	Class Performance, Homework Problems, Objective Exam, Oral Exams, Performance Exams, Quizzes
Instructional Methods:	Demonstration, Discussion, Group Activities, Lecture, Role play/simulation
If other:	
Work Outside of Class:	Answer questions, Problem solving activity, Required reading, Skill practice, Study
If Other:	
Up-To-Date Representative Textbooks:	
Alternative Textbooks:	
Required Supplementary Readings:	"Mathematics for New Speakers" from Saddleback Educational Publishing (2005). Discipline standard
Other Required Materials:	Instructor-selected materials and instructor-created materials
Requisite:	
Category:	
Requisite course(s): List both prerequisites and corequisites in this box.	

Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	
Requisite Skill:	
Requisite Skill and Matching Skill(s): Bold the requisite skill(s). If applicable	
Requisite course:	Noncredit English as a Second Language-03D
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	**Use context clues, specific words/phrases, and pictures/captions to determine meaning of texts.** NESL 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.** NESL 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** NESL 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.** NESL 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.** NESL 03D - Predict content of a reading selection and scan the text to confirm specific information.
Requisite Skill:	
Requisite Skill and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s). If applicable	
Enrollment Limitations and Category:	

Enrollment Limitations Impact:	
Course Created by:	Matthew Kline
Date:	10/03/2016
Original Board Approval Date:	05/22/2017
Last Reviewed and/or Revised by:	Matthew Kline
Date:	10/04/2021
Last Board Approval Date:	11/15/2021