## EL CAMINO COLLEGE COURSE OUTLINE OF RECORD – Approved

Course Acronym:	NESL
Course Number:	07В
Descriptive Title:	ESL for Math II
Division:	Humanities
Department:	English as a Second Language
<b>Course Disciplines:</b>	English as a Second Language
Catalog Description:	ESL for Math II helps students acquire the English necessary to succeed in algebra and geometry courses. Students practice their listening, speaking, reading, and writing skills related to algebra and geometry. This course provides ESL support for students who plan to take or who concurrently take Math 40, Math 60, Math 67, Math 73, and Math 80.
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	SLO #1
Outcomes:	Upon completion of the course, students will be able to comprehend basic
	vocabulary used in the algebra and geometry courses offered at the college.
	SLO #2
	Upon completion of the course, students will be able to interpret common math
	problems in the algebra and geometry courses at the college.
	SLO #3
	Upon completion of the course, students will be able to comprehend class
	discussions and lectures involving algebraic and geometric concepts.
Course Objectives:	1. Read, write, and pronounce vocabulary related to algebra, geometry, and
	STATISTICS.
	2 Comprehend discussions and lectures involving algebraic geometric and
	statistical concepts and operations.
	3. Demonstrate comprehension of word problems typically found in
	algebra, geometry, and statistics courses at the college.
Major Topics:	I. Algebra (27 hours, lecture)
	A. Vocabulary (e.g., coefficient, variable, operator, etc.)
	B. Translation of words into algebra
	1. Algebraic expressions (e.g., "five less than twice a number")
	2. Algebraic equations
	C. Common phrases in problems (e.g., "Find the average of the values"
	and "Factor the expression")
	D. Scientific notation and dimensional analysis (unit conversion)
	E. Ratios, proportions, and percents using variables
	F. Order of operations with variables
	G. Functions
	H. Inequalities using variables
	I. Word problems
	A Vocabulary (e.g. angle congruent narallel etc.)
	B Common phrases in problems (e.g., "Consider this statement" and if-then
	statements)
	C. Coordinate system
	1. Slope
	2. Distance
	3. Ordered pairs
	4. Equation of a line
	D. Shapes
	E. Word problems
<b>Total Lecture Hours:</b>	54
<b>Total Laboratory</b>	0
Hours:	
Total Hours:	54
Primary Method of	3) Skills demonstration
Evaluation:	

Typical Assignment Using Primary Method of Evaluation:	What are the coefficients, variables, and operators in the following equations. Write your answers on the lines provided. 1. 5x + 10 = 20
	Answer: 2. 20 - 2y = 100
	Answer: 3. 4p x 17 = 250
	Answer: 4. 2x + x = 60
	Answer:
Critical Thinking Assignment 1:	In two or three sentences explain why it is important to know the correct order of operations with variables.
Critical Thinking Assignment 2:	In a short paragraph (4-6 sentences) state which types of words problems are the most difficult for you and why.
Other Evaluation Methods:	Completion, Embedded Questions, Homework Problems, Multiple Choice, Objective Exam, Oral Exams, Other Exams, Quizzes
Instructional Methods:	Demonstration, Discussion, Group Activities, Lecture, Multimedia presentations, Role play/simulation
If other:	Internet Presentation/Resources
Work Outside of Class:	Answer questions, Problem solving activity, Skill practice, Study
If Other:	
Up-To-Date Representative Textbooks:	
Alternative Textbooks:	
Required Supplementary Readings:	"Mathematics for New Speakers" from Saddleback Educational Publishing (2005).
Other Required Materials:	Instructor-selected 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).	<ul> <li>Predict content of a reading selection and scan the text to confirm specific information.</li> <li>NESL 03D - Predict content of a reading selection and scan the text to confirm specific information.</li> <li>Scan a simple paragraph for the main idea (explicitly stated or implied) and supporting details.</li> <li>NESL 03D - Scan a simple paragraph for the main idea (explicitly stated or implied) and supporting details.</li> <li>Use context clues, specific words/phrases, and pictures/captions to determine meaning of texts.</li> <li>NESL 03D - Use context clues, specific words/phrases, and pictures/captions to determine meaning of texts.</li> <li>Use graphic organizers, charts, diagrams, pictures, and context clues to make inferences about texts.</li> <li>Write simple expository paragraphs. a. comparing and contrasting b. cause and effect c. informal letters d. short summaries</li> <li>NESL 03D - Write simple expository paragraphs.</li> <li>a. comparing and contrasting</li> <li>b. cause and effect</li> <li>c. informal letters</li> <li>d. short summaries</li> </ul>
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:	05/02/2017
Last Reviewed and/or Revised by:	Matthew Kline
Date:	10/04/2021
Last Board Approval Date:	11/15/2021