El Camino College

COURSE OUTLINE OF RECORD - Approved

I. GENERAL COURSE INFORMATION

Subject and Number:	**Non-Credit English as a Second Language 07B**
Descriptive Title:	**ESL for Math II**
Course Disciplines:	**English as a Second Language (ESL): Noncredit**
Division:	**Humanities**
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.

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

Course Length:	[X] **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:	[X] **Effective Date: Proposed**
Transfer UC:	[X] **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 vocabulary used in the algebra and geometry courses offered at the college.

2. Upon completion of the course, students will be able to interpret common math problems in the algebra and geometry courses at the college.

3. Upon completion of the course, students will be able to comprehend class discussions and lectures involving algebraic and geometric concepts.

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 related to algebra, geometry, and statistics.

    Other exams

2. Comprehend discussions and lectures involving algebraic, geometric, and statistical concepts and operations.

    Objective Exams

3. Demonstrate comprehension of word problems typically found in algebra, geometry, and statistics courses at the college.

    Objective 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	30	I	Algebra
			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
Lecture	24	II	Geometry A. Vocabulary (e.g., angle, congruent, parallel, 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

Total Lecture Hours	54
Total Laboratory Hours	0
Total Hours	54

IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

A. PRIMARY METHOD OF EVALUATION:

Skills demonstrations

B. 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. $4p \times 17 = 250$

Answer:_____

    4. 2x + x = 60

    Answer:_____

C. **COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:**

    1. N/A

    2. N/A

D. **OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:**

Objective Exams

Oral exams

Other exams

Embedded questions

Quizzes

Homework Problems

Multiple Choice

Completion

V. INSTRUCTIONAL METHODS

Demonstration
Discussion
Group Activities
Internet Presentation/Resources
Lecture
Multimedia presentations
Role Play
Simulation

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

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 and instructor-created materials.

VIII. CONDITIONS OF ENROLLMENT

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

Requisites	Category and Justification

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
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.
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.
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

    E.   **Enrollment Limitations**

Enrollment Limitations and Category	Enrollment Limitations Impact

Course created by Matthew Kline on 10/03/2016.

BOARD APPROVAL DATE: 05/02/2017

LAST BOARD APPROVAL DATE:

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

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