

CUYAMACA COLLEGE
COURSE OUTLINE OF RECORD

ENGLISH AS A SECOND LANGUAGE 021 – ENGLISH AS A SECOND LANGUAGE SUPPORT FOR MATH

3 hours lecture, 3 units

Catalog Description

This is a course in American culture, vocabulary, and English study skills to help ESL students successfully enter a Math pathway. Students taking this course should be concurrently enrolled in an entry-level Math course requiring concurrent enrollment in ESL 021. Students will develop and apply reading, writing, listening and speaking skills to sufficiently navigate the classroom participation requirements of an entry-level Math course at the college. Various aspects of a Math course covered may include problem scenarios, experiments and their write-ups, critical thinking through word problems, and cultural intentions and implications of course readings in those disciplines. **Pass/No Pass only. Non-degree applicable.**

Prerequisite

None

Course Content

- 1) Vocabulary relating to a specified Math course.
- 2) Reading skills include utilizing vocabulary in context, critical thinking, scanning and idiom comprehension.
- 3) Writing skills include descriptive and/or analytical paragraphs about topics typically encountered in the specified Math culture.
- 4) Listening and speaking skills to include conversations and formal presentations using descriptive and/or analytical paragraphs about topics typically encountered in the specified Math culture with new vocabulary connected to this culture.
- 5) Practice solving problems in Math using the English language.

Course Objectives

Students will be able to:

- 1) Confidently write out reports required in the specified Math course.
- 2) Deliver understandable presentations required in the specified Math course.
- 3) Define vocabulary in context while reading.
- 4) Understand typical activities that would be encountered in the specified Math course.
- 5) Demonstrate understanding of cultural implications of the technologies associated in the specified Math course.

Method of Evaluation

A grading system will be established by the instructor and implemented uniformly. Grades will be based on demonstrated proficiency in subject matter determined by multiple measurements for evaluation, one of which must be essay exams, skills demonstration or, where appropriate, the symbol system.

- 1) Homework assignments
- 2) Quizzes, tests
- 3) Participation

Special Materials Required of Student

- 1) Dictionary
- 2) Electronic storage media

Minimum Instructional Facilities

Smart classroom

Method of Instruction

- 1) Pre-reading exercises and discussion will be used before passages are read. Follow-up exercises include annotation examples, discovering main ideas, and learning new vocabulary. Whole group, small group or paired discussions on cultural aspects of reading passages or scenarios will also be used.
- 2) In-class writings may include sample reports, working out a problem scenario, or summarizing a procedure.
- 3) Students may write journals on assigned or free topics or in response to what is happening in their Math course.
- 4) Collaborative work with fellow students on presentations covering topics in the connected Math course.
- 5) Specific reading, writing and listening/speaking skills will be reinforced through use of audio/videos.

Out-of-Class Assignments

- 1) Reading assignments
- 2) Short writing assignments
- 3) Solving of word problems with application of skills learned in Math course
- 4) Short research assignments

Texts and References

- 1) Required (representative example): Dweck, Carol S. *Mindset: How You Can Fulfill Your Potential*. Robinson, 2012.
- 2) Supplemental: Packet

Student Learning Outcomes

Upon successful completion of this course, students will be able to:

- 1) Demonstrate appropriate knowledge of vocabulary and concepts typical in a math course.
- 2) Recognize specific cultural aspects useful in a typical math course in the United States (for example: facts in American life that are often used in word problems such as population number averages of American cities, historic and current speed limits on public highways, etc.)