SYLLABUS

COURSE NAME
Integrated ELD Instruction in Math - EDIC 9006 (ID# 413)

COURSE STATEMENT
Create an integrated unit plan that incorporates English Language Development (ELD) strategies focused on academic language, vocabulary development, and listening and speaking in K-6 mathematics.

COURSE DESCRIPTION
In this course, you will learn ways to effectively integrate the California ELD (English Language Development) standards into mathematical instruction in the elementary classroom. You will begin by reviewing the language demands of mathematical instruction, as well as exploring the areas of strength and needs of English Language Learners in your school/district. You will then be presented with a variety of strategies to integrate language, vocabulary, speaking and listening into your K-6 mathematics instruction. At the end of this course, you will be asked to design and present an integrated ELD math unit plan that demonstrates your understanding of the instructional strategies presented in this course.

LEARNING OBJECTIVES
Upon successful mastery of this course, you will be able to:

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- Describe how English Language Learners are affected by the increased language demands of the CCSSM both locally and statewide.
- Integrate ELD standards and K-6 mathematical practices to support English Language Learners in both language and content acquisition.
- Apply academic language and vocabulary development instructional strategies, such as explicit vocabulary instruction, word walls and journals, in mathematical instruction.
- Apply speaking and listening instructional strategies, such as the 3-Reads model and discussion frames, in mathematical instruction.

DEMONSTRATING MASTERY: A TWO-STEP PROCESS

Step One: Learning and Understanding
This course is broken down into **Learning Objective**s and related **Topics**. For each objective, you will participate in **Learning Activities** designed to enhance and reinforce understanding. Learning Activities include Interactive Discussions, readings, video and audio clips, slide presentations, Discussion Board prompts, Learning Journal prompts, practice exercises, demonstrations, as well as links to web and library resources.

Course Structure
The table below details the Learning Objectives along with their corresponding Topics.

Module	Topics
CCSS Mathematics and CA ELD Standards	• Rationale for ELD Instruction in Math • Integrating ELD Standards and Mathematical Practices
Academic Language & Vocabulary	• Explicit Vocabulary Instruction • Word Walls in the Math Classroom • Writing in Math
Speaking and Listening	• Making the Case for Math Talk • Three-Reads Instructional Strategy • Sentence Frames

Step Two: Final Assessment
Once you have successfully progressed through the Learning Activities, you are ready to demonstrate that you have mastered the course. In order to demonstrate mastery, you must be evaluated as proficient or exemplary on each rubric category for the corresponding performance-based assessment (paper, presentation, project, etc.). Please note that submissions may be checked for plagiarism.

Student Resources

Library Resources

The UMass Global Library provides you with access to an extensive collection of research materials and support services. You can familiarize yourself with library resources by watching this brief video introduction. Help is always available through the Ask a Librarian service.

For more information, visit: https://www.umassglobal.edu/library

Writing and Math Help

UMass Global's Online Writing and Math Center (OWMC) offers subject-specific tutoring services, live workshops, video tutorials, tutorial office hours, and links to top academic sites in order to ensure student success. Students can access the OWMC directly when logged into their courses.

Netiquette

Communicating in an efficient and respectful manner is critical to the learning process. Please view and adhere to any netiquette guidelines outlined within the competency and the Online Etiquette video.

Standards of Academic Integrity

Academic integrity is a core University of Massachusetts Global value which ensures respect for the academic reputation of the University, its students, faculty and staff, and the degrees it confers. Students are required to read, understand, and apply the standards set forth concerning academic integrity found University of Massachusetts Global catalog.

Americans with Disabilities Act Statement

University of Massachusetts Global is committed to ensuring equal educational access and opportunity for all members of our academic community. Students will be provided timely, efficient, and equitable accommodations and services that are in compliance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 (ADA)/Americans with Disabilities Act Amendments Act of 2008 (ADAA). More details are available in the current University of Massachusetts Global Catalog or on the Office of Accessible Education web site.

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