

**Learn Math Through Writing**  
**EDUO 9524 Two Semester Credits/Units**  
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*Note: This is a Public syllabus of the course. For a full detailed syllabus please email the instructor.*

## Course Overview

This course is one of a four-course series entitled **Anyone Can Learn Math**, which is designed to help teachers make math accessible to all students. The other three courses in the series are:

- **EDUO 9522: Math Made Easy**
- **EDUO 9521: Stress Free Math**
- **EDUO 9523: Learning Math in Groups**

Although Math Made Easy is **NOT** a prerequisite for the other three courses, it does provide a foundation for them. Math Made Easy, Learning Math in Groups, and Stress Free Math all require one book entitled Math for Humans by Mark Wahl. The fourth class, Learning Math through Writing, requires a separate book entitled Writing in Math Class by Marilyn Burns.

There are many students that learn best while utilizing language. Writing is an integral part of utilizing language and infusing writing into your math curriculum will help all students truly learn the concepts. It should also be noted that writing across the curriculum is an important aspect of the Common Core State Standards. The content learned in **Learn Math Through Writing** EDUO 9524 will help teachers integrate writing into their math curriculum. Doing so will help move their curriculum more inline with the new standards as well as significantly improve student learning.

## Course Objectives:

After completing the course Learning Math in Groups, you will demonstrate or indicate:

- The benefits to both students and teachers of having students write about their previous math experiences
- How writing can assist math instruction by helping children make sense of mathematics and by helping teachers understand what children are learning
- Knowledge of many types of writing assignments that can be incorporated into the math curriculum
- How to introduce and implement writing into your math curriculum

## Summary of Course Assignments:

### 1. Math Autobiography

In the first assignment you will reflect on your experiences learning math in school and learn the benefits of having your students write about their experiences learning math.

### 2. Proposal

In completing assignment two, you will demonstrate your knowledge of the benefits of using writing in your math curriculum.

### 3. Writing Assignments

In this section you will learn about the different types of writing assignments that can be used in math and how they will help students understand mathematical concepts.

### 4. Implementation

For the fourth assignment you will explain how you will implement writing into your math curriculum.

### 5. Accessibility

While reviewing everything you learned in this class, you will be asked to elaborate on how you will now make your math curriculum accessible and engaging to all of your students by incorporating writing into your lessons.

## Course Assessment Rubric

<b>Exemplary:</b> A+ to A-	<b>Acceptable:</b> B+ to B-	<b>Unacceptable</b> Must be resubmitted
Reflective, thoughtful ideas relevant to the assignment are clearly stated	Presents some relevant ideas and connections to the assignment	Ideas are not clear or relevant
Very well organized	Generally well organized	Shows little or no organization
Responses relate numerous facts and specific details of the program materials	Some facts and specific details of the program materials are included	Few or no facts or specific details of the program materials are included
Free of spelling and/or grammatical errors	Writing contains a few spelling and/or grammatical errors	Numerous spelling and/or grammatical errors make the writing difficult to read

- You are allowed 9 months to complete the course. Course questions? Contact your instructor by email.
  - For questions involving your registration or to change your address please contact us at support@dominicanCAonline.com or call (800) 626-5080.
- For Dominican Self-Guided course information go to <http://dominicancaonline.com/Dominican-CA-Online-FAQ>