EDUX 6485 (F, G, H) COMMON CORE AND LITERACY STRATEGIES: MATHEMATICS

Course Description

In this course, participants will explore how the Common Core State Standards (CCSS) approach literacy in new and important ways. They will see a new emphasis on critical thinking skills in the areas of arithmetic, word problems, and other mathematical foundations. Through video examples, in-depth readings, and downloadable applications, participants will learn practical ways to put CCSS to work in your classroom.

Course Objectives

- Define literacy and the Common Core Standards and why they are important.
- Understand the need for literacy skills in all content areas.
- Identify ways that classroom teachers can embrace the Common Core Standards to improve 21st-century literacy in their classrooms.
- Understand what text complexity is and how it's determined.
- Articulate the significance of text complexity in developing 21st century literacy.
- Incorporate new text selection criteria and a focus on complex texts into your classroom.
- Describe the connection between text comprehension and a deep understanding of various types of informational texts.
- Use literacy strategies to improve informational reading as expressed in common core state standards.
- Explain how language, speaking, and listening skills contribute to strong reasoning and analytical skills.
- Use literacy strategies in language, speaking, and listening to increase logical reasoning, argument, and analysis.
- Understand the role that reflection and writing play in improving reasoning, argument, and analysis skills.
- Incorporate literacy strategies in reflection and writing to increase reasoning, argument, and analysis skills.
- Identify literacy problems for students who struggle with reading for a variety of reasons.
- Develop strategies that help special needs students' develop literacy.