

MATH 2008
Foundations of Numbers and Operations
3.0 Semester Hours (3)
Department of Mathematics
College of Arts and Sciences
Valdosta State University
Section:
Meeting Times:
Room:
Semester:

PREREQUISITE:

MATH 1101, MATH 1111, or MATH 1113 with grade of "C" or higher

Instructor :
Office :
Phone :
Email :
Office Hours :
Options :

REQUIRED MATERIALS:

Textbook: O'Daffer, P., Charles, R., Cooney, T., Dossey, J., & Schielack, J. (2008). Mathematics of elementary school teachers (4th ed.). Boston, MA: Pearson Addison Wesley

Other: Scientific calculator (TI-30 or equivalent acceptable), colored pencils or markers, ruler (12 inches and 30 cm), stapler, scissors

COURSE DESCRIPTION

An introductory mathematics course for early childhood education majors. This course will emphasize the understanding and use of the major concepts of number and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics.

GENERAL STUDENT LEARNING OUTCOMES

This course focuses on preparing early childhood education majors to:

- 1) Understand and use the major concepts of number and operations in mathematics for grades P-5.
- 2) Solve problems using multiple strategies, manipulatives, and technological tools; and determine the reasonableness of answers and efficiency of methods.
- 3) Communicate using precise mathematical terminology.
- 4)

another student in the class. Getting the phone number and e-mail address of two or three classmates during the first week of class will be very helpful. It is completely your responsibility to get class materials for a session that you missed.

All cell phones/MP3 players/laptops will be turned off and stowed during class.

Students will receive points for class attendance and participation. Students will lose points for lack of participation (off task, sleeping, and so on), tardiness, and absences. These points ~~CANNOT~~ be made up – if you are not present you did not participate and thus cannot receive participation points.

New Limited Withdrawal Policy:

x Please be on time. Students must be present for 80% of the class sessions to receive credit for the course.

- x Clean up after yourself.
- x Demonstrate a positive attitude.

ACADEMIC INTEGRITY

“Academic integrity is the responsibility of all VSU faculty and students. Faculty members should promote academic integrity by including clear instruction on the components of academic integrity and clearly defining the penalties for cheating and plagiarism in their course syllabi. Students are responsible for knowing and abiding by the Academic Integrity Policy as set forth in the Student Code of Conduct and the faculty members’ syllabi. All students are expected to do their own work and to uphold a high standard of academic ethics. Full information on Academic Honesty at VSU is available at <http://www.valdosta.edu/academics/academicaffairs/vp-office/academic-honesty-at-vsua.php>

“By taking this course, you agree that all required course work may be subject to submission for textual similarity review to Turnitin, a tool within BlazeVIEW. For more information on the use of Turnitin at VSU see Turnitin for Students at <http://www.valdosta.edu/academics/academicaffairs/vp-office/turnitin-for-students.php>.”

Deviation from the stated, implied, or orally given professional standards may result in the notification of your major chair and/or the filing of a Departmental Concern Form with the College of Education to be entered into your permanent file. Serious infractions such as cheating, verbal abuse or physical assault be reported to the Dean of Students for additional actions.

The Academic Support Center (ASC) provides free peer tutoring in core curriculum courses, including sciences, math, writing, social sciences, humanities, and foreign languages. The ASC also provides supplemental instruction (tutor-led study group sessions) for historically difficult courses like biology, chemistry, geosciences, psychology and sociology, as well as academic success workshops. Call 229-333-7570 to make an appointment, email us at asc@valdosta.edu, or visit our website www.valdosta.edu/asc. Located in Odum Library, on the 2nd floor.

SUGGESTE