

Southern Arkansas University Tech
P.O. Box 3499 ~ East Camden, AR 71701 ~ 870-574-4500
www.sautech.edu
Online Course Information Form

Course Number: MA 2053

Course Title: Math for Teachers I

Course Description: A study of sets, numeration systems, the structure of arithmetic, number theory, and the beginning concepts of rational numbers, all with an emphasis on problem solving.

Instructor: Teresa McLeane

Instructor Bio: Office: AD 258
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Teresa McLeane is from Camden, Arkansas. She has a Master's Degree from Southern Arkansas University and a Bachelor's Degree in Math Education from Louisiana Tech University. She has been teaching fulltime at SAU Tech since 2001 and taught as an adjunct faculty since 1990. Prior to being hired at SAU Tech, Mrs. McLeane taught Jr. High Math for 19 years in the Camden Fairview Public Schools. She is married and has 2 girls. She loves mathematics and enjoys working with students. She loves to spend her extra time camping on the beautiful lakes of Arkansas with her family. She attends Cullendale First Baptist Church in Camden.

Prerequisite: College Algebra

Textbook Title: Musser, G., Burger, W., & Peterson, B (2008) 8th Edition. Mathematics For Elementary Teachers – A Contemporary Approach. Wiley

Learning Outcomes:

Students maintaining a 70% or better will be able to:

Chapter 1 – Problem Solving and Strategies

Chapter 2 – Sets, Whole Numbers, and Numeration

Chapter 3 – Whole numbers – Properties and Operations

Chapter 4 – Whole number Computation – Mental, Electronic, and Written

Chapter 5 – Number Theory

Chapter 6 – Rational Numbers

Chapter 7 – Decimals, Ratio, Proportion, and Percent

Comprehensive Final Exam taken at a proctored site

Teaching Methodology, including description of interaction between student and instructor:

Instructor utilizes discussion board (located in Blackboard) for student to student and student to teacher interaction to discuss topics related to mathematics.

Students will read the assigned chapters, complete chapter homework, take chapter quizzes and complete chapter exams. Students may correspond with instructor through Blackboard email or discussion board when questions arise from the subject matter. Students are encouraged to correspond with other students, in the course, through the use of the discussion board. Students should expect to spend at least 6 hours per week for the equivalent 3-hour credit (3 hours in class and 3 hours of homework). Because this is an online class, more than 6 hours per week is not unusual for studying and working in the online environment.

Special Attendance Requirements (student contact with instructor, proctored examinations, etc.):

Students are required to contact instructor a minimum of once per chapter during the semester to report their progress.

A **PROCTORED FINAL EXAM** is required for this course. Information related to proctored final exam can be found at http://www.sautech.edu/docs/proc_sites.pdf

Other Considerations (writing ability, assignments/projects, time considerations, etc.):

It is recommended that students follow the suggested deadline schedule as closely as possible. A minimum amount of work is required at the mandatory deadlines. This work must be completed by the mandatory deadlines or the missing grades will be marked as zeros. Students must show reasonable and sufficient progress toward completing the required coursework throughout the semester.

Students will need Internet access capabilities with e-mail, an email address, MS Word, Adobe Acrobat Reader, Java 1.6 version or higher, and the ability to receive and send e-mail attachments.

Revised: 6/8/10