

Course Syllabus - Math 164 - Spring 2011
Foundations of Arithmetic
9:00 - 9:50 AM / 11:00-11:50 AM
MTRF / HERTZ 120
WED / BOUILLON 103

Professor: Dr. Jane Whitmire
Email: whitmire@cwu.edu
Phone - Office: 509-963-2268 Black Hall 225-32
Office Hours: MTR 10:10-10:45 AM, F 12:10-12:45 PM
Textbook: A Problem Solving Approach to Mathematics for Elementary
School Teachers, 10th Edition
Authors: Billstein, Libeskink, Lott

Course Description

The purpose of this course is to prepare you to teach mathematics at the elementary and early secondary levels. The intent is not only to prepare you to explain new mathematical content, but to help you further develop your abilities to speak and write about mathematics. As you begin teaching, you will discover (as we all do) deficiencies in your own understanding that will require learning on your own. Therefore, a primary focus of this course is to help you learn how to learn mathematics independently. As an added benefit, your experiences in this course will help you begin to reflect on how people learn mathematics.

Supplies

Students are responsible their own writing materials. Colored pencils, pencil, highlighter, stapler, glue, ruler and paper (plain, grid, and lined) are all required. Each student should also purchase or have access to a computer, mouse, and headset. Maintain your supplies, notes, homework, and examinations organized in a portfolio. Frequently compare scores in your notebook to those posted on Blackboard for accuracy.

Homework

Homework is always due two class periods after it is assigned. Always write your name, the homework assignment number, and the due date on the top of the cover page. Homework exercises should be written with attention to detail. Use complete sentences, punctuation, and grammar whenever prompted for an explanation. Pictorial representations for manipulatives should be neat and accurate. Unless otherwise specified, homework should be completed in PENCIL and/or COLORED PENCIL. Homework completed on the reverse side of paper will not be considered for scoring. Homework problems that are out of numerical order will not be scored. NO LATE HOMEWORK WILL BE ACCEPTED - NO EXCEPTIONS.

Grading

Everyone is graded the same way. NO EXCEPTIONS. Letter grades A/A-/B+/B/B-/C+/C/C-/D+/D/D-/F are based on a strict 93-100/90-92.9/87-89.9/83-86.9/80-82.9/77-79.9/73-76.9/70-72.9/67-69.9/63-66.9/60-62.9/BELOW 60 cutoff. Grades are not rounded either up or down. The course grade can be calculated at any time using the following point system;

<i>Homework</i>	→ 200
<i>Exams</i>	→ 300
<i>Presentation</i>	→ 200
<i>Final</i>	→ 300

Exams

Exam dates are Monday, April 18, May 2, and May 23, 2011. Exams are comprehensive and cover all material discussed in class since the previous exam. Completing the exam in the time allotted is part of the exam. Taking an exam is an important part of the course. Nevertheless, scheduling complications sometimes occur. An alternate procedure for taking an exam due to a scheduling complication must be arranged in advance. No make-up exams will be administered.

Presentation

Each student will give one online presentation. Submit a copy of the lesson plan on the Monday prior to a Wednesday presentation including topic name, group presenter names, math standard(s), objective of the lesson, outline of presentation including questions posed to students, example problems with respective presenter name, and group task list. An accompanied homework must also be assigned, graded, and returned to participating students. The homework assignment should state the homework number, topic, textbook page numbers, assigned problem numbers, points per problem (total 10), and presenter names at the top of the page. Grading on each presentation will be based on accuracy, appropriate vocabulary, attitude, clarity of content, organization of content, homework challenge, homework alignment with presentation, mathematical content level, and timeliness.

Final Exam

The final MUST be taken to pass the course. The final is comprehensive and may cover any material discussed in class over the term. The final exam for Spring 2011 is Monday June 6th from 9:00 to 11:00 am. This is NOT the university scheduled time. If you have a conflict with this date or time, see the professor to schedule the exam at an earlier date.

Academic Integrity

Though group members might have a common point of view on a problem, each homework must reflect an individual unique understanding. Text taken from any internet website or other source must be cited. Electronics, including calculators and cell phones, will not be allowed during examinations. Cheating, plagiarism, and copying material that is copyrighted will not be tolerated. Disciplinary action will be taken for any of these wrong doings.

Special Needs Statement

As soon as possible, students with disabilities who wish to set up academic adjustments in this class should provide a copy of their "Confirmation of Eligibility for Academic Adjustments". Eligible students without this form should contact the Disability Support Services Office by visiting Bouillon 205, emailing dssrecept@cwu.edu, or calling the phone number 509-963-2171.