



Course Syllabus: Math 250 Winter 2010  
Intuitive Geometry / 1:00 - 1:50 PM  
MoTuWTh - Hertz Hall 120

Professor: Dr. Jane Whitmire  
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Phone - Office: 509-963-2268 Bouillon 123  
Office Hours: Monday and Tuesday 2:00-2:50 pm, Friday 8:00-9:50 am  
Prerequisites: Math 164

#### Course Description

The purpose of this course is to enable certification candidates to develop a solid knowledge of geometry and its applications. The use of manipulatives is one way for linking experience with students' mathematical understanding. Thus, while enhancing ones individual understanding of geometrical properties, certification candidates will learn to help students move from the concrete to abstract levels of geometry by incorporating manipulative activities and, when appropriate, pictorial, symbolic, and verbal representations.

#### Supplies

Students are responsible their own writing materials such as pencil, colored pens, protractor, compass, highlighter, stapler, glue, ruler and paper (plain, grid, and lined). Maintain your supplies, notes, homework, and examinations organized in a portfolio.

#### 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 proportions:

<i>Homework</i>	→ 30%
<i>Exams</i>	→ 30%
<i>Activities</i>	→ 10%
<i>Presentation</i>	→ 10%
<i>Final</i>	→ 20%

#### Homework:

Homework exercises should be written with attention to detail, correct spelling, COMPLETE SENTENCES, and flow. Pictorial representations for manipulatives should be neat, accurate, and written in PENCIL. Homework is due, during or before class, the second class period after it is assigned. ONLY ONE LATE HOMEWORK ASSIGNMENT WILL BE ACCEPTED - NO EXCEPTIONS.

#### Exams:

Exam dates are Monday February 1, 2010 and Monday March 1, 2010. 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.

#### Activities:

In-class activities will include solving problems using manipulatives, classroom discussion, and practice exercises to reinforce skills. Activities cannot be completed outside of class. Participation and consequently attendance, is fundamental to the course.

#### Presentations:

Students will select a topic to make a classroom presentation. A grading rubric will focus on mathematical content, creativity, hands-on engagement of students, use of manipulative or visual stimulus, accuracy, and written lesson plan.

#### Final Exam

The final **MUST** be taken to pass the course. The final is comprehensive, covers all material discussed in class, and is to be taken at the time scheduled by the University. Completing the final in the time allotted is part of the final. The final exam for Winter 2010 is Wednesday March 17th from 12:00 am to 2:00 pm.

#### Academic Integrity

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](mailto:dssrecept@cwu.edu), or calling the phone number 509-963-2171.