

MATH 204
CONCEPTUAL GEOMETRY AND QUANTITATIVE ANALYSIS
SUMMER QUARTER, 2013

INSTRUCTOR: Dr. Charles Patterson

OFFICE: GTM 332

OFFICE HOURS: 8:30-9:30 MTWRF / 1:00-3:30 MTWR

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COURSE PREREQUISITES: Math 203

COURSE GOALS: To acquire an understanding of mathematics which is considerably broader and deeper than what you will be expected to teach involving geometry of one, two, and three dimensions, applications to problems in the physical world, probability and data collection in real world situations.

TEXTBOOK: Mathematical Reasoning for Elementary Teachers (6th ed.), by Long and DeTemple
Chapters 9, 10, 11, 12, 13, and Probability

TOOLS: You will need scissors, a compass, a metric ruler, a basic calculator, and a protractor.

ATTENDANCE REGULATIONS: Any student that has 3 (10% of the class meetings) unexcused absences will have their final average drop one letter grade. Any student that has 5 (20% of the class meetings) or more unexcused absences will receive a final grade of F regardless of his/her final average. Excuses for absences must be submitted within three class days after return to class. Respectfully pay attention for the entire class period. Please turn off and put away all cell phones before entering the classroom. No text messaging during class! No other electronic devices are to be used during class.

GRADE DETERMINATION: The instructor will schedule 3 tests worth 125 points each. There will be a 50 point Polyhedron Project. There will also be a 25 point homework/participation grade based on assignments, quizzes, and activities.

GRADING SCALE: 90-100% A, 80-89% B, 70-79% C, 60-69% D, 0-59% F

MISSED EXAMS: Make-ups will be allowed for exams only in case of an excused absence. Contact me immediately if you must miss an exam. Make-ups will be another exam or the comprehensive final exam as specified by me.

STUDENTS NEEDING SPECIAL ACCOMMODATIONS: Students needing testing accommodations or classroom accommodations based on a disability are encouraged to discuss the need with me as soon as possible.

RETENTION POLICY ON GRADED MATERIALS AND GRADED REPORTS: In the event of a question regarding an exam grade or final grade, it will be the responsibility of the student to retain and present graded materials which have been returned for student possession during the quarter.

HONOR CODE: In accordance with the Academic Honor Code, students pledge the following: Being a student of higher standards, I pledge to embody the principles of academic integrity. For details refer to <http://www.latech.edu/documents/honor-code.pdf>

EMERGENCY NOTIFICATION SYSTEM: All Louisiana Tech students are strongly encouraged to enroll and update their contact information in the Emergency Notification System. It takes just a few seconds to ensure you're able to receive important text and voice alerts in the event of a campus emergency. For more information on the Emergency Notification System, please visit <http://www.latech.edu/administration/ens.html>