
Math 101: Mathematical Ideas

Fall 2006

Dr. Chris Tweddle
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Sections 1 & 2
MWF 10–10:50 AM & 11–11:50 AM
124 Koch Center
<http://faculty.evansville.edu/ct55>

Course Description. This course explores a variety of topics, including numeration systems, logic, geometry, probability and statistics. The course also includes historical and cultural perspectives and contemporary applications.

Course Objectives. This course is designed to introduce non-majors to topics of mathematics they probably have not seen before and that pertain to everyday situations. The successful student will gain the confidence and ability to utilize basic math skills in a variety of applications. Additionally, this course satisfies the Mathematical Thought component of the University's General Education requirement.

Required Text. Karl J. Smith, *The Nature of Mathematics*, 10th ed., Thomson, Brooks/Cole, 2004.

Office Hours. M 1–3 PM and 4–5 PM, TR 2–3 PM and 4–5 PM, W noon–1 PM, and F 1–3 PM; additional times can be arranged by appointment.

Exams. There will be three in-class exams, worth 100 points each, given on Fridays, September 15, October 13 and November 10. Review sessions will be held on the Thursday evening prior to each exam. A cumulative final, worth 150 points, will be given on Thursday, December 7 at 10:15 AM. *Note that this differs from the exam time given by the office of the Registrar.*

Quizzes and Projects. There will be (at least) twelve ten-point quizzes or projects given throughout the semester; the highest ten scores will count towards your final grade. Generally, quizzes will be given on Fridays that we do not have an exam; however, quizzes may be unannounced. Projects will be assigned for completion outside of class.

Homework. Exercises will be assigned to accompany the material covered in class. Homework will not be collected; however, you *may* see similar problems on the tests and quizzes. Completion of the assignments is essential to success in this class.

Attendance. You are responsible for any information (including announcements) that you miss. The course website will have up-to-date information. Arriving late or leaving early, reading the newspaper, text-messaging, etc. disrupts the class and is rude and unprofessional.

Course Grades. Your grade in the course will be based on the 550 points described above. The class will be graded on a ten point scale; pluses and minuses will be influenced by such factors as attendance and participation.

Make-up Policy. An opportunity to make up missed work will only be granted in the event of a *documented* emergency or illness. If you anticipate a conflict with an announced exam, speak with me **before** the scheduled date.

Extra Credit. There will be no extra credit assignments.

Academic Honesty. Cheating will not be tolerated. We will follow the University's honor code, which reads "I will neither give nor receive unauthorized aid nor will I tolerate an environment which condones the use of unauthorized aid." Collaboration on homework assignments and projects is encouraged; note that work to be submitted for a grade should be your own and not copied from a fellow student.

Students with Disabilities. It is the policy and practice of the University to make reasonable accommodations for students with properly documented disabilities. Written notification to faculty from the Office of Counseling and Health Education is required for any academic accommodations. If you are eligible to receive an accommodation and would like to request it for this course, please discuss it with me and allow two weeks notice. If you have questions about services for students with disabilities or procedures for requesting services, you may contact the Office of Counseling and Health Education at 488-2663.

Disclaimer. I reserve the right to change the dates and policies outlined above at my discretion. Any changes will be announced well in advance.