MATH 2900 - SPIRIT AND STRUCTURE OF MATHEMATICS

Summer, 2007

Instructor: Dr. Mark Budden
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Office Hours: Tuesdays and Thursdays 9:20-10:30, or by appointment.


Other Materials: Every student will be expected to have a calculator. You will not be allowed to share calculators with other students during an exam. Also, cell phones may not be used in place of calculators during exams.

Prerequisites: Math 1001, 1101 or 1111

Description/Purpose of Course: The purpose of this course is to provide you with an overview of the history, philosophy, and role of mathematics. Topics will include problem solving, set theory, logic, number theory, geometry, counting methods, probability, and statistics.

Homework: A homework assignment will be given each class over the material covered that day. The homework will not be collected, but it is fundamental to your understanding of the subject. There is usually a high correlation between students that do their homework and students that perform well on exams.

Exams: There will be 4 in-class exams (100 points each) and one comprehensive final exam (200 points). At the end of the semester, each student will be allowed to drop their lowest exam grade and replace it with the percentage grade on their final exam, provided that doing so is beneficial to the student’s grade. NO MAKE-UP EXAMS WILL BE GIVEN FOR ANY REASON! If you miss an exam, it will be the grade that you drop.

Attendance: Students are expected to attend all classes. If a class is missed, it is the student’s responsibility to find out about missed material. Attendance will be taken for the first two weeks of class so that I can determine who is enrolled. As with homework, there is usually a high correlation between students that attend all classes and students that perform well on exams.

Withdrawal: If a student wishes to withdraw from the course, s/he must come and speak with me. If a student withdraws after late registration and by June 27 (midterm), they will receive a W. Any student withdrawing after June 27 will receive a WF.
**ADA Accommodations:** Any student who may require special accommodations due to a disability should contact the Office of Disability Services in the Division of Student Affairs and should come and speak with me privately as soon as possible. I will work with the Office of Disability Services to provide accommodations according to their documented needs.

**AASU Honor Code:** The University’s policies in regards to the Honor Code and Code of Conduct will be upheld in this class (see catalog p.308).

**Tutorial:** I will be available during my posted office hours or at other times by appointment only. If you come by my office hours seeking help on a homework problem, I expect that you have already spent a substantial amount of time working on the problem and will have scratch paper for me to look at so that I can identify any mistakes in your work. While some problems may only take a few minutes to work out, others may take up to an hour. Put time into your work before you seek help. Mathematics is the process of working the problems and not the final answers. In addition to help from me, there are (free) tutorial services available through the Math Tutorial Center in 206 Solms Hall (921-5488).

**Other:** Towards the end of the semester, students usually inquire about extra credit. No extra credit will be available in this course. If you keep up with your homework and study daily, there will not be any need for additional points.

**RESPECT YOUR CLASSMATES!**
Failure to respect the following may result in point deductions on exams or your dismissal from class:

- Cell phones must be turned off during class (vibration mode is not the same as off).
- Show up to class on time.
- Do not leave class early.
- Do not bring friends, children, etc... to class. By University policy, only students enrolled in class may attend.
- Do not have conversations with classmates during class. If you have a question, raise your hand and ask me.

**Grade Distribution:**

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Letter Grades will be assigned on a standard 10-point scale (100% – 90% A, 89% – 80% B, 79% – 70% C, 69% – 60% D, 59% – 0% F).