Math 1024, Introduction to Contemporary Mathematics, Section 1, 3 credits, Spring 2008

Instructor: Ahnie Jacobson
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Office Hours: MWF 9:00-9:50 and 11:15-11:50
Meeting Times: MWF 8:00 – 8:50 in Cina 102

Prerequisites: Math 1005 or math placement

Liberal Education Category: This course satisfies Category Two—Math, Logic and Critical Thinking.

Course Description: This course presents topics in mathematics employed by a wide range of professionals and informed adults in modern society. Topics may include, but are not limited to, graph theory for management science, scheduling, statistical sampling, analysis of data, elementary probability, decision making, voting theory, and fair division of goods among several parties. Topics that are not in the text may be covered.


Communicating Devices: Cellular telephones and other communication devices, including iPods, are prohibited during class. A computer may be used only for taking notes. Having any other communicating device out or on during class may result in a deduction of participation points. Please inform me of any circumstance that may need special consideration. Having any communicating device out during an exam will be considered cheating and result in an immediate zero.

Participation: There will often be participation activities during class. Some of these will be graded in detail, while others will receive points if you are actively working. These activities cannot be made up or done in advance. However, the lowest three scores will be dropped at the end of the semester.

Projects: There will be at least one project. I will show examples of the Tessellation Project during class.

Exams and Final: There will be 4-5 exams during the semester. I will announce the dates at least a week ahead of time in class. Makeup exams are only allowed for a documented illness or University excused absence if prior arrangements have been made with the instructor. Unless it is not possible, you must provide notice ahead of time to your instructor for the absence. Arrangements for a makeup should be made as soon as you know you will miss. Do not wait for the next class. The final exam will be Friday May 16 from 8:00-9:55. This will not be a comprehensive final; it is just the last exam.

Grading: Participation 25% Projects 15% Exams 60%

If you have questions about any of the grading, please arrange to talk with me about it within a week of its return. I will use egradebook to keep track of your scores. There is a link on my website. Please let me know as soon as possible if you find an error. (A zero may mean that the score hasn’t been recorded yet. So, wait a day and check again.) Keep all returned work as proof of your scores.

Grading Scale: 93-100% A 83-86% B 73-76% C 60-66% D
90-92% A- 80-82% B- 70-72% C- Below 60% F
87-89% B+ 77-79% C+ 67-69% D+

Student Academic Integrity Policy: Academic dishonesty tarnishes UMD's reputation and discredits the accomplishments of students. UMD is committed to providing students every possible opportunity to grow in mind and spirit. This pledge can only be redeemed in an environment of trust, honesty, and fairness. As a result, academic dishonesty is regarded as a serious offense by all members of the academic community. In keeping with this ideal, this course will adhere to UMD's Student Academic Integrity Policy, which can be found at
This policy sanctions students engaging in academic dishonesty with penalties up to and including expulsion from the university for repeat offenders.

**Student Academic Integrity Policy:** The instructor will enforce and students are expected to follow the University's Student Conduct Code ([http://www.d.umn.edu/assl/conduct/code](http://www.d.umn.edu/assl/conduct/code)). Appropriate classroom conduct promotes an environment of academic achievement and integrity. Disruptive classroom behavior that substantially or repeatedly interrupts either the instructor's ability to teach, or student learning, is prohibited. Disruptive behavior includes inappropriate use of technology in the classroom. Examples include ringing cell phones, text-messaging, watching videos, playing computer games, emailing, or surfing the Internet on your computer instead of note-taking or other instructor-sanctioned activities.

**Special Needs:** Individuals who have a disability, either permanent or temporary, which might affect their performance in this course are encouraged to inform me at the beginning of the semester. Adaptation of methods, materials or testing may be arranged in order to meet your needs.