

# CMSC 203 Discrete Structures

## Tentative Syllabus

**Instructor:** Professor Samuel J. Lomonaco  
**Office:** ITE 222. Email: [Lomonaco@umbc.edu](mailto:Lomonaco@umbc.edu)

**Required Text:**

"Discrete Mathematics with Applications,"  
by Susanna S. Epp  
PWS Publishing Company  
20 Park Plaza, Boston, MA 02116-4324 (Latest Edition)

**Course Topics:**

Topics include logic, proof methods, algorithms, number theory, matrices, mathematical induction, sets, functions, sequences, relations, counting, probability, recurrence relations, recursion, Boolean algebra, and graphs.

**Method of Evaluation:**

Homework: 25%; Exam 1: 25% ; Exam 2: 25%; Final Exam: 25%.

**Exam 1 will be with closed books and closed notes.**

**Exam 2 will be with closed books and closed notes.**

**The Final Exam will be with closed books and closed notes.**

Late homework will not be accepted. Exams will be given only at the scheduled times. No make up exams. Exceptions to this policy may be made in cases of extreme hardship.

**Academic Conduct:**

By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal.

To read the full Student Academic Conduct Policy, consult the UMBC Student Handbook, the Faculty Handbook, or the UMBC Policies section of the UMBC Directory.