

# CMSC 203: Discrete Structures

## Tentative Syllabus

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\*\*\* **UMBC Covid-19 Support Services** \*\*\*  
\*\*\* <https://covid19.umbc.edu/> \*\*\*  
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**Instructor:** Professor Samuel J. Lomonaco

**Office:** ITE 306

**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 (Fourth 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 I: 25% ; Exam II: 25%; Exam III: 25%.

**All exams will be with closed books, closed notes, and open mind.**

Late homework will not be accepted. Exams will be given only at the scheduled times. No makeup 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.

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## **Covid-19 Safety Protocols and Compliance Requirements**

Philip Rous, Provost

Orianne Smith, Faculty Senate President

The Covid-19 Academic Coordinating and Planning Committee

“UMBC has set clear expectations for masking while on campus that include the requirement that you must wear a face mask that covers your nose and mouth in all classrooms and labs regardless of your vaccination status. This is to protect your health and safety as well as the health and safety of your classmates, instructor, and the university community. Anyone attending class without a mask or wearing one improperly will be asked by the instructor to put on a mask or fix their mask in the appropriate position. Any student that refuses to comply with this directive will be asked to leave the classroom immediately and failure to do so will result in the instructor requesting the assistance of the University Police. Students who refuse to wear masks may be referred to Student Conduct and Community Standards and may face disciplinary action for violations of the Code of Student Conduct, specifically, Rule 2: Behavior Which Jeopardizes the Health or Safety of Self or Others and Rule 16: Failure to Comply with the Request of a University Official. UMBC’s on-campus safety protocols, including masking requirements, are subject to change in response to the evolving situation with Covid-19”