Instructor: Rebecca Smith
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Phone: (585) 395-5183
Email: rebecca at brockport dot edu
Office Hours: MW 10:45-11:45, Thurs 9:15 - 11:15, and by appointment.
Website: www.acs.brockport.edu/~rnsmith


Prerequisites: The prerequisite for this course is precalculus.

Course Description: The purpose of this course is to provide an introduction to discrete mathematics. Among the topics included will be propositional and predicate logic, sets, functions, matrix algebra, algorithms, valid arguments, direct and indirect proofs, mathematical induction, permutations and combinations, and discrete probability.

Homework: Homework assignments will be collected regularly and graded for accuracy and completeness. While you are welcome to work with classmates and seek hints from tutors, do not blindly copy someone else’s work if you expect credit for it. People who work together should still not have verbatim or near verbatim solutions. Late homework will not be accepted. If you have a legitimate reason for not being able to turn in the homework on time, you should talk to me as soon as you are aware of the problem.

Each homework set will be graded out of 5 points as follows:

0: not turned in
1: incomplete and mostly incorrect
2: incomplete and mostly correct
3: complete and mostly incorrect
4: complete and mostly correct
5: complete and correct, i.e. pretty much perfect

Also, you can earn an extra point for a homework set if your work is typed. (A reasonable amount of work should be completed to receive this extra point.)

Homework assignments will be posted on the course website. Questions on the homework will not be answered in class on the day that they are due, but you are more than welcome to ask me questions during my office hours or by email. (You should put honest effort into trying the problems before seeking help for your own benefit.)

Tests: There are three in-class exams and one cumulative final given during finals week.

The in-class exams are tentatively scheduled for the following days:

Monday September 25th (Note: The last day to drop is September 26th.)
Wednesday November 1st (Note: The last day to withdraw is November 3rd)
Wednesday November 29th

Any changes to these dates will be announced in class.
The cumulative final is scheduled for Monday December 11th, 7:30 - 9:30 PM.
**Attendance Policy:** You are responsible for all material including announcements and any in-class assignments. If you are unable to make it to class due to illness or other legitimate reasons, you should email me beforehand to find out what you will miss and get notes from another student in the class for a more detailed look at the material covered. (Obviously, if there is an emergency where you cannot contact me before class, let me know as soon as reasonably possible.) Good attendance is strongly recommended for those who wish to pass the course.

**Academic Honesty:** Don’t cheat. Most people who cheat are not very good at it and often fail even the things that they cheat on. Academic dishonesty will be dealt with severely even if it is done poorly.

**Grading:** Homework, each in-class exam, and the final will each count for 20% of your grade. If you think there is discrepancy in the grade you received and the grade you earned on either a homework assignment or an exam, you need to bring to my attention the day the work is returned. The percentage needed to get a particular grade is given below.

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<tr>
<th>Grade</th>
<th>Percentage</th>
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<tr>
<td>A</td>
<td>93%</td>
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<td>A−</td>
<td>90%</td>
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<tr>
<td>B+</td>
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<td>D−</td>
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**Extra Help:** If you are struggling, please seek help right away. Trying to catch up on weeks of material will make it that much more difficult. Please feel free to come to my office hours or make an appointment. Also, free tutoring is available at the Student Learning Center. Their hours are available at www.brockport.edu/~slc.

**Disabilities:** I would appreciate hearing from anyone who has a special need which may be the result of a disability. Students with documented disabilities may be entitled to specific accommodations. SUNY Brockports Office for Students with Disabilities makes this determination. Please contact the Office for Students with Disabilities at 395-5409 or osdoffic@brockport.edu to enquire about obtaining an official letter. You will be responsible for providing me with the official letter.