

Instructor

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TAs:

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Lectures

LEC MWF 12–12:50pm in Cooke 121

Recitations

(R1) Tue. 1:00–1:50pm in Norton 210

(R2) Wed. 11:00–11:50am in Norton 209

(R3) Thu. 8:00–8:50am in Norton 210

(R4) Thu. 4:00–4:50pm, in Norton 216

Recitations will not meet in Week 1.

Required Reading:

- (1) [Rosen13e] Kenneth H. Rosen, *Discrete Mathematics and its Applications*, **7th edition**, McGraw-Hill, 2013, *as an e-text*.
- (2) The newsgroup *sunyab.cse.191*. Although all official course information will be given in lectures, you may catch it first here, as well as information about assignments. Students are invited to post queries of general interest. Please do not, however, post answers unless and until cleared with the instructors and TAs. (Well, this becomes less operative with UBLearn and the HUB class e-mail system)
- (3) Some additional handouts, either given out in class or placed for purchase at *Great Lakes Graphics* in the UB Commons, or placed on reserve at SEL, *may* be required for certain assignments. More information about these will be given later, if applicable.
- (4) Web pages, maintained at www.cse.buffalo.edu/~regan/cse191/ and possibly at other locations. For now there is a forward link to webpages maintained by Prof. William Rapaport from CSE191 offerings in previous terms, to which this term will be similar.

The webpages will hold official information and handouts and items that tend not to change much over time, whereas the newsgroup will be the preferred vehicle for assistance with projects and homework. *Please do not print out copies of webpage documents* (unless instructed to do so)—you will receive better-formatted hardcopies in class or at Great Lakes Graphics.

Examinations:

- Two *prelims*—roughly one week past the 1/3 and 2/3 points of the course.
- One *cumulative* 3-hr. final.
- Possible quiz components of assignments.

Grading: The course will be graded on a total-points system. Letter grades will also be given for individual exams and some assignments, as a help in telling you where you stand, but only the point totals will have official significance. The weighting of grades in this course will be:

Prelims:	$2 \times 12\% = 24\%$
Final:	36%
Homework:	40% (problem sets; attendance and quizzes)

We reserve the right of 4% leeway in the weights for assigning the final letter grade. This is typically done for students who do markedly well on the final exam—treating it as though it were weighted 40%. This will only be done to an individual student’s advantage, and will have no effect on others’ grades.

Once all points are converted to percentages, the course will use a pre-set curve: 90% = A, 84 = A-, 78 = B+, 72 = B, 66 = B-, 60 = C+, 54 = C, 48 = C-, 42 = D+, 36 = D. Exams and assignments will be “curved” further only if some error or unforeseen circumstance affects the results.

1 Assignments

Problem sets will involve mostly pencil-and-paper questions, sometimes programming “pseudocode” may be called for.

1.1 Academic Honesty

A university is a *community*, and every community has values and rules that go hand-in-hand with membership in the community. At universities one rule is the standard of *academic honesty* as it has been understood and followed for **all** of the just-ending millennium. This rule is not written down in a standard text such as Magna Carta or the Constitution, but is the same for every educational institution even though they all have individual statements of it. The CSE Department now requires that students in every course have read UB’s statements of the rules, which are now online and collected as links on the page <http://www.cse.buffalo.edu/~shapiro/Courses/integrity.html>.

More specific information will be given out on assignments and readings and individual-work policies as appropriate.