CS 255: Algorithms and Discrete Structures
Fall 2011

LECTURE: Tues/Thurs 12:30–1:45 (P265)
LAB: Fri/Mon 12–2 (P115)
WWW: www.cs.uwec.edu/~stevende/cs255/default.htm
INSTRUCTOR: Dan Stevenson
OFFICE: Phillips 136
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PHONE: 836-2490
Office Hours: 9-10 M-F, when door is open, or by appointment

PREREQUISITES: CS245, MATH114 or concurrent

TEXT:
   Mathematical Structures for Computer Science, 6th edition, Gersting

SOFTWARE:
   Java, Eclipse, perhaps other tools

CONTENT:
   Logic, Proof Techniques, Recursion, Big O, Relations, Graphs/Trees, Combinatorics,
   Probability, Divide-and-Conquer, Dynamic Programming, Backtracking, Approximation
   Algorithms, Data Mining Algorithms

GRADING:
   Labs 12 at 5 points each: 60 points
   Assignments 4 at 15 points each: 60 points
   Quizzes 12 at 5 points each: 60 points
   Final 20 points
   Total 200 points

ASSIGNMENTS: All assignments and labs are due at the beginning of the class period on the due date specified. Late assignments/labs and make-up quizzes will not be accepted unless prior approval is granted.

ATTENDANCE: Attendance and participation in lectures is expected. Students are responsible for all material assigned or discussed in class.

POLICIES:
   Academic Dishonesty / Misconduct: The work you turn in should be your own.
   Discussion of concepts is encouraged, however, you should have a full understanding all work you submit as your own. Copying of other’s work is prohibited. Violation of this policy will result in no credit for the work in question.

   Special Accommodations for Students: If you are a student with a disability and need special accommodations of any nature whatsoever, I will work with you. Please advise me of such a disability and the desired accommodations within the first week of class.