

Design of Algorithms - Course Review

K. Subramani
LCSEE,
West Virginia University,
Morgantown, WV
{ksmani@csee.wvu.edu}

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1. Have you met the pre-requisites of this class?
 - (a) Yes, I have taken both CS 220 and CS 221.
 - (b) No, I have taken CS 220, but not CS 221.
 - (c) I have taken neither CS 220 nor CS 221.
2. Are you familiar with mathematical induction?
 - (a) Extremely familiar with both the first and second principle.
 - (b) Familiar with the first but not the second.
 - (c) I am unfamiliar with induction.
3. Are you familiar with proof techniques, such as contradiction, contraposition and direct proof?
 - (a) Yes, very familiar.
 - (b) Somewhat familiar.
 - (c) Unfamiliar.
4. Are you familiar with modeling and solving first-order and divide-and-conquer recurrences?
 - (a) Yes, very familiar.
 - (b) Somewhat familiar.
 - (c) Unfamiliar.
5. Are you familiar with the following algorithm design techniques:
 - (a) Divide-and-Conquer (Very familiar – Somewhat Familiar – Unfamiliar).
 - (b) Dynamic Programming (Very familiar – Somewhat Familiar – Unfamiliar).
 - (c) Greedy Methods (Very familiar – Somewhat Familiar – Unfamiliar).
6. Does the instructor address your concerns in timely fashion?
7. Do you prefer interactive lectures?
 - (a) Yes.
 - (b) No.
 - (c) Most of the time.
8. Are you comfortable with the revised syllabus?
 - (a) Yes.
 - (b) No, the instructor should leave me alone.
 - (c) No, more material needs to be added.
9. What is your motivation for taking this course?
 - (a) I am interested in algorithm design.
 - (b) I need it to graduate.
10. What is the most important outcome for you?
 - (a) I need to get good grades.
 - (b) I need to learn a lot.
11. What aspects of the course would you like to change and in what way?