MATH 1020Q Syllabus Fall 2011

INSTRUCTOR INFORMATION:

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COURSE INFORMATION:

Textbook: "PProblem SSSolving", 2nd edition, by DeFranco and Vinsonhaler
Objective: The primary goal of this course is to foster problem solving abilities that can be implemented in any context. This surprises most students since this course is labeled as a math course. However, little in the sense of formal mathematical training is necessary to attain the objective of the course.

COURSE EXPECTATIONS:

First of all, it is necessary to attend all the classes. This course is mainly kinesthetic in nature; the classes will be spent mostly solving problems. Much of the learning is done outside the classroom. The general expectation is to spend 4-6 hours each week outside of class. Also, an additional expectation is to be open and excited about the material for there will be moments of unexpected learning!

GRADING:

2 Exams	25%
Final Exam	12.5%
Projects	12.5%
Homework/Classwork	**50%**

PROJECTS:

Periodically, projects will be assigned to groups. One paper is to be submitted for each group. Projects will be graded on accuracy, creativity, and presentation. Groups will be asked to present their solutions to the rest of the class.

HOMEWORK:

Homework will be assigned every week. All homework assignments should be typed, containing written solutions. Remember, this is not to be considered a formal math class, so brief explanations will not be accepted. You may find help from anyone in class or from myself. On the other hand, **academic dishonesty is not tolerated so please be familiar with the university's policy on academic integrity.**