PHYS 600, Methods of Theor. Phys. I

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Prerequisites:

Text: Required: *Mathematical Methods for Physicists, 7th Ed.* By George Arfken, Hans Weber, and Frank Harris
The tests are open textbook (with not much notes in it) so you must have access to a physical copy of Arfken (not electronic because you can't have open laptop during test).

Recommended: (I haven't used these but they seem to be commonly assigned)
Mathematics of Classical and Quantum Physics by Byron and Fuller
Mathematical Methods of Physics by Matthews and Walker
Mathematical methods in the Physical Sciences by Boas

Website: http://www.physics.purdue.edu/~robichf/class.htm
This site will have the class notes, homework, test dates, solutions, etc. Links to other info as well.

Homework: Homework will contain problems from the textbook and numerical questions nearly every week. Homework will be due each Tues before midnight. Homework turned in after Tues midnight will be worth ½ credit. Homework turned in after Wed midnight will be worth ¼ credit. Homework turned in after Thurs midnight will be graded but worth 0 credit. I strongly suggest you not look at the answers before turning in homework. Copying solutions from other students or from the web violates academic honesty.

Grading: Homework 20%, 2 Tests 25% each, Final 30%

Topics: See class web page for likely emphasis.

Virus Info: Do not come to class if you feel ill!
The class policy regarding masks will be the Purdue Univ policy.
See the Purdue web page for what resources are available if you have to miss class.

Absences: Attendance is not required. Class notes are posted on the class web page.