Professor: Dr. Mihai Bondarescu  
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Phone: 662-915-7849  
Office: 5 Kennon  
Office Hours: Tuesday 12:00 – 1:00 in Lewis 101  
Thursday 12:00 – 1:00 in Lewis 101  
or by appointment  
Lecture: TTh 1:00 – 2:15 in Lewis 109  
Required Text: Frederick W. Byron, Jr. and Robert W. Fuller - Mathematics of classical and quantum physics  
Recommended Texts: Mary L. Boas - Mathematical Methods in the Physical Sciences  
G. Arfken, Mathematical Methods for Physicists

Course Description
The course covers various topics in mathematics that are essential for understanding undergraduate physics.

Independent work is strongly encouraged. Extra credit is available for additional problems and any independent activity related to the material covered in this class.

Evaluation
Homework – 10%  
Quizzes – 15%  
Test 1 – 15%  
Test 2 – 15%  
Test 3 – 15%  
Final – 25%  
Class Participation – 5%  
Extra Credit – unlimited

Course Policies
Absences
Students are expected to attend all lectures, unless there is a strong reason not to. Absences from tests count as zeros, unless they are justified. If you must be absent during a test for a University sponsored event, you MUST discuss this me before the test date. In the case of an unexpected emergency, you must make contact with me as soon as possible and have documentation.

H1N1
Students with cold/flu symptoms are expected to stay at home until they recover. No special arrangements or documentation will be required for absences due to flu.

Academic Integrity (Cheating)
Academic integrity is essential to all the values upon which the University is founded. Students must therefore embody academic honesty in all aspects of their work. A student with a documented case of plagiarism or academic cheating in this course will receive the grade of F for the course and may face disciplinary action by the University, including expulsion.

Group Work
Physics is very rarely done alone. I encourage you to form study groups in preparation for homework assignments and tests.