

## Physics 274 Syllabus

- **Instructor:** Zackaria Chacko  
**Office:** PSC3266    **Phone:**(301) 405 1774    **E-mail:**zchacko@umd.edu
- **Class meeting times:** Monday, Wednesday & Friday, 2:00-2:50PM  
in PHYS 1201
- **Class web page:**  
<http://terpconnect.umd.edu/~zchacko/Spring15/physics274.html>
- **Grading Criteria:** 15% Homework, 45% Midterms, 40% Final  
Homework will be typically assigned on a weekly basis.
- **Textbooks:**  
*Mathematical Methods in the Physical Sciences*, by Mary L. Boas (**required**)  
*Vector Analysis*, by Spiegel, Lipschutz and Spellman (**required**)  
*A Guided Tour of Mathematical Methods for the Physical Sciences*, by  
Roel Snieder (**recommended**)
- **Syllabus:** I plan to cover vector analysis, linear algebra and elementary  
methods for the solution of ordinary differential equations.
- **Attendance:** Attendance in lectures is strongly encouraged, but will  
not count towards the course grade.
- **Office Hours:** Wednesday 3.00 - 4.00 or by appointment.
- **Final Exam:** Monday, May 18, from 1.30 PM to 3.30 PM.
- **Academic Integrity**  
The university has approved a code of academic integrity available on  
the web. The code prohibits students from cheating on exams, plagia-  
rizing papers, submitting the same paper for credit in two courses with-  
out authorization, buying papers, submitting fraudulent documents, or  
forging signatures. The university senate requires that students include  
the following signed statement on each examination or assignment: I  
pledge on my honor that I have not given or received any unauthorized  
assistance on this examination (or assignment). Compliance with the

code is administered by a student honor council, which strives to promote a community of trust on the College Park campus. Allegations of academic dishonesty may be reported directly to the honor council (301-314-9154) by any member of the campus community.