

## Physics 374 Syllabus

- **Instructor:** Zackaria Chacko  
**Office:** PHY4125    **Phone:**(301) 405 1774    **E-mail:**zchacko@umd.edu
- **Class meeting times:** Tuesday & Thursday, 2:00-3:15PM and Wednesday 4:00 - 4:50 in CSS 1113
- **Class web page:**  
<http://terpconnect.umd.edu/~zchacko/Spring12/Phys374.html>
- **Grading Criteria:** 20% Homework, 40% Midterms, 40% Final  
Homework will be typically assigned on a weekly basis.
- **Textbooks:**  
*Mathematical Methods in the Physical Sciences*, by Mary L. Boas  
*A Guided Tour of Mathematical Methods for the Physical Sciences*, by Roel Snieder
- **Syllabus:** I expect to cover vector analysis, linear algebra, power series solution of differential equations, Fourier series, complex analysis, partial differential equations and, if time permits, tensor analysis.
- **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.
- **Academic Integrity**  
The university has approved a code of academic integrity available on the web. The code prohibits students from cheating on exams, plagiarizing papers, submitting the same paper for credit in two courses without 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.