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, 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.