Instructor: Dr. Georgi Medvedev
Office: 291 Korman
Telephone: 6612, email: medvedev@drexel.edu

Lectures: TR 11am-12:20pm, Randell Hall 121
Office hours: T 12:30-2:00, R 2:00-3:30, or by appointment
Course webpage: www.math.drexel.edu/~medvedev/classes/2007/math291/
will contain homework assignments and announcements


The following volumes by M.R. Spiegel from the Schaum's Outlines series contain a large number of worked and practice problems and are recommended as supplements to the required textbook by Kreyszig: Vector Analysis and an Introduction to Tensor Analysis; Complex Variables.

Content: The course will cover Chapters 8, 9, 12, 13 and if time permits Chapter 15.

Homework: I will post the homework problems on the course website after every lecture. Selected problems from each set will be graded. The homework problems assigned during a given week will be collected during the recitation sessions on the following week.

Solutions to the homework problems should be presented in the order the problems were assigned. Every solution should be given a concise but sufficient explanation and written up legibly. The set of solutions for grading must be stapled. Please see the course website for the instructions on the homework preparation and presentation.

Students are encouraged to discuss the homework and to work together on the problems. However, each student is responsible for the final preparation of his or her own homework papers. Copying of another student’s homework is not permitted.

All homework problems should be attempted. If you are not able to complete a homework problem or are unsure about your solution, please ask your recitation instructor for help with this problem. You can also receive help by seeing me during my office hours or by visiting the Mathematics Resource Center (Korman 245, for hours please see http://www.drexel.edu/coas/math/resourcencentre/).

Examinations: There will be two midterm and one final examinations. The dates will be announced in advance.

Assessment: Your final grade will be based on your performance on the homework assignments (10%), midterm 1 (25%), midterm 2 (25%) and final exam (40%).
The following table is to help you to decide on your standing during this course:

\[ \begin{align*}
A : & \quad 87 - 100 \\
B : & \quad 75 - 86 \\
C : & \quad 63 - 74 \\
D : & \quad 51 - 62
\end{align*} \]

Students earning points within the above bounds are assured of a final grade at least as indicated above. Curve points may be added at the instructor’s discretion. Although curve points may not be determined until the end of the term, everyone should have a good idea of one’s standing by the above breakdown. Please feel free to ask me, if you are feeling uncertain about your standing in the class.

**Problem resolution:** Please come to see me during my office hours if you have any course related problems. If you would like to make an appointment to see me at some other time please send me an email with your time constraints and preferences.