1. **General Information.** This course meets for lectures on TuTh from noon until 1:45 PM in Room 240 of the Skiles Building. Please make sure you are properly registered. My office is in Room 134 of Skiles, my office phone is 404-894-4312, and my e-mail address is green@math.gatech.edu. I have a web page, accessible from the School of Mathematics pages, located at [http://www.math.gatech.edu/~green/](http://www.math.gatech.edu/~green/). My office hours (tentative) are Monday and Wednesday from 3 to 4 PM, or by appointment. I respond more rapidly to telephone messages than to e-mail.

2. **Material.** The textbook for this course is Roger Webster’s *Convexity* (Oxford University Press, ISBN 0 19 853147 8). Please read the sections of the text as we take them up in class. We will cover much of chapters 1, 2 and 5, plus selected topics from other chapters. If time permits, we will also take up additional supplementary material. The book *Algebraic Topology: an Introduction* (Springer-Verlag, ISBN 0-387-90271-6 and 3-540-90271-6, *recommended but not required*) may be a source for some of this material. For the first day, begin reading at the beginning of chapter 1 of Webster.

3. **Homework and Examinations.** Homework will be assigned, and some of it will be collected and graded. I strongly urge you to do all of the assigned problems. Please write neatly, clearly, and in complete sentences. There will be two 70-minute midterm examinations and a final examination. Tentative dates for these examinations are

- June 12 (Tuesday) \quad \text{Midterm}
- July 10 (Tuesday) \quad \text{Midterm}
- July 30 (Monday) \quad \text{Final}

The midterms will be in the same room as the lectures, and the final examination will take place as scheduled by the Office of the Registrar and the School of Mathematics. Homework assignments will be posted on my web page.

4. **Grading.** The hour tests, homework average and final examination will be counted with the following weights.

   - Midterm Examinations \quad 20\% \text{ each}
   - Final Examination \quad 40\%
   - Homework \quad 20\%

If you have a question regarding the grading of a midterm, please return your paper to me without writing on it or altering it in any way, and explain your question on a separate piece of paper, **within one week of the date on which the midterm was returned.** You may see your final examination paper as soon as I have completed the grading.

Please be aware of the Institute’s honor code and adhere scrupulously to a policy of academic honesty. If you wish to know whether some procedure is allowed, please ask me. Calculators **are** allowed but are probably largely useless here. Please provide exact answers rather than approximations (e. g., 1/7 rather than 0.14) whenever possible. All examinations are closed book, and without cooperation.