

**MATH6014A, Fall 2007**  
Graph Theory  
**Course Information**

Instructor: Xingxing Yu  
Office: Skiles 235A  
Office Phone: 4-4757  
Email: yu@math.gatech.edu  
Office Hours: MW 9:00am – 10:00am or by appointment  
Text: Graph Theory (Third Edition), by Reinhard Diestel.  
Other useful texts: Modern Graph Theory, by Béla Bollobás; The Probabilistic Methods (Third edition), by Alon and Spencer.

- The class meets at 1:05pm on MWF in Skiles 169. Prompt and regular attendance is expected. You will be required to write rigorous proofs of nontrivial results.
- Materials to be covered are Chapters 1 through 5 and parts of Chapters 6, 7, 9, and 11. Homework will be assigned weekly and collected every two weeks, which needs to be done independently and without consultation to other references. (Expect 6 to 8 assignments for the semester.) Homework counts 50% towards your grade.
- There will be a midterm and a final exam, each of which counts 25% towards your grade.
- Honor Code applies to all assignments, the midterm, and the final exam. Absences from tests will be excused **only** when authorized **in advance** by the instructor (in that case, a make-up test will be given).
- Exceptions to and changes in the above policies may be made at the discretion of the instructor.