

MATH1060 Syllabus  
Spring Semester, 2007

**Instructor :** Jie Zhou

**Office :** 526 Boyd Graduate Studies Building

**Phone :** 542-2210 (office)

**Email :** jzhou@math.uga.edu

**Period:** 12:30pm-1:45pm Tuesday and Thursday

**Office Hours:** 3:30pm -4:30pm in office 526 Tue. and Thur. or by appointment.

**Text Book:** For All Practical Purposes: Mathematical Literacy in Today's World (7th ed.), by J. Malkevich et al., Freeman 2003

This course is to introduce some applications of modern mathematics, such as optimal scheduling, voting system, coding and gaming. It does not require a lot of arithmetic skills, but mind work will be involved. Try to think real hard, and read carefully.

**Outline** The following will be discussed in this semester.

- 1 Management ( Chapter 1, 2 and 3 )
- 2 Codes ( Chapter 9, 10 )
- 3 Voting (Chapter 12, 13, 14 and 15 )
- 4 Games (Chapter 16 )

**Academic Honesty** All students are responsible for maintaining the highest standards of honesty and integrity in every phase of their academic careers. The penalties for academic dishonesty are severe and ignorance is not an acceptable defense.

*[http://www.uga.edu/ovpi/academic\\_honesty/culture\\_honesty.htm](http://www.uga.edu/ovpi/academic_honesty/culture_honesty.htm)*

**Attendance Policy:** Attendance will be taken almost every meeting time. A student who misses 5 or more classes could be dropped.

**Grading Policy:** The final grade will be determined as following:

- 1 Quizzes and Homeworks (10%)
- 2 Test 1 (20%)
- 3 Test 2 (20%)
- 4 Test 3 (20%)
- 5 Final Exam (30%)

Subject to change