

MATH 1113 Syllabus (Call Numbers 90020, 80025), Spring 2004

- **Dr. Lingyun Ma**, Department of Mathematics
Office hours: 1:00--2:00pm M,W, 2:00-3:00pm T,R or by appointment
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Class Meetings

- Third Period (10:10--11:00am), MWF, C122 Life Science
- Fourth Period (11:15am--12:05pm), MWF, C130 Life Science

Course Materials:

- **PRECALCULUS**, UGA Second Edition, by David Cohen, available at the University Bookstore.
- A graphing calculator.
- For computer labs on the campus and their operational hours, please check [EITS Lab Sites](http://www.eits.uga.edu/sites) homepage. Its web address is <http://www.eits.uga.edu/sites>.
- For more information about the course, please check [New Math 1113 Homepage](http://www.math.uga.edu/~john/new1113). Its web address is <http://www.math.uga.edu/~john/new1113>

Testing Labs:

- Room 324 & Room 308, Boyd GSRC
- **Lab Supervisor:** Sam Bennett, 325A Boyd GSRC, 542-0647
- **Course Coordinator:** Paul Wenston, 320 Boyd GSRC, 542-2549

Attendance Policy

Students are allowed no more than 5 absences including both excused and unexcused absences. On the sixth absence a student may be withdrawn from the course with a grade of W or WF (definitely WF after midpoint). Do not regard these 5 allowed absences as "personal free days". These are only to be used in cases of illnesses or family emergencies. In some cases, verification may be required.

Grading Policy and Testing Dates:

TEST I	Friday, Jan.16	5% (75min.) No Calculator
TEST II	Friday, Jan.23	10% (75min.) NO Calculator
TEST III	Monday, Feb. 9	10% (75min.)
TEST IV	Friday, Feb. 27	10% (75min.)
TEST V	Monday, Mar. 22	10% (75min.)
TEST VI	Friday, April 9	10% (75min.)
TEST VII	Tuesday, April 27	10% (75min.) NO Calculator
Final Exam.	Mon., May 3--Fri., May 7	20% (3 hours)

6 in-class quizzes, 15%

- 6 in-class quizzes will be given during the semester. The lowest quiz score will be dropped at the end of the semester. NO make up quiz will be given.
- If your final exam score is higher than your lowest long test score, then the lowest long test score will be replaced with the final exam score.
- Grading Scale

$$F < 60 < = D < 70 < = C < 80 < = B < 90 < = A$$

Tentative Schedule and Assignments ---- Spring 2004, Dr. Ma

Week	Mon.	Tues.	Wed.	Thurs.	Fri.
1. Jan. 5--9					Introduction Review
2. Jan. 12--16	Def.& Graph of F. 4.1, 4.2		Ave. Rate of Change 4.2, 4.3		Shifts & Reflections 4.2, 4.3 TEST I
3. Jan. 19--23	MLK Holiday		Review		Combining of Func. 4.4 TEST II
4. Jan. 26--30	Combining of Func. 4.4		Inverse F. 4.5		Linear F. 5.1,2,3
5. Feb. 2--6	Linear F. & Quad. Eqn 5.1, 3.1		Quad. F. 5.2		Quad. F. 5.2
6. Feb. 9--13	Review TEST III		Geometry Formula 2.1		Setting up F. 5.4
7. Feb. 16--20	Setting up F. 5.4		Setting up F. 5.4		Max-Min Prob. 5.5
8. Feb. 23--27	Max-Min Prob. 5.5		Review		Review TEST IV
9. Mar. 1--5	Exponential F. 6.1, 6.2		Log. F. 6.3, 6.4		Log & Exp Eqn. 6.5 Midpoint
11. Mar. 8--12	Spring	Break		Spring	Break
10. Mar. 15--19	Compound Interest 6.6		Growth & Decay 6.7		
12. Mar. 22--26	Review TEST V Trig F. 7.1, 7.2		Basic Identities 7.2		Rt. Triangle App. 7.3
13. Mar. 29--Apr.2	Other Angles 7.4		Radians 8.1		App. of Radians 8.2, 8.3
14. Apr.5--9	Trig F. 8.3		Graphs of Trig. 8.4, 8.5		Review TEST VI
15. Apr.12--16	Graphs 8.7		Addition Formulas 9.1, 9.2		Inverse Trig. F. 9.5
16. Apr. 19--23	Inverse Trig. F. 9.5		Trig. Eqn. 9.4		Trig. Eqn. 9.4
17. Apr. 26--30	Review	TEST VII	Review	Review	Reading Day
18. May 3--7	Finals	Finals	Finals	Finals	Finals

Last Revised: Jan. 8, 2004