Math 201 – Introduction to Finite Mathematics
Section 7, Fall 2008

Time	Tu-Thu 10:35–11:50 a.m.
Location	Fulmer 201
Instructor	Bala Krishnamoorthy
Office	Neill 325
Office Hours	Tue 2:00–4:00 p.m, Wed 1:00–3:00 p.m., or *walk in*
Email, phone	kbala@wsu.edu, 335-3136
Course web page	http://www.wsu.edu/∼kbala/Math201.html
Book	Haeussler, Paul, and Wood —
	Introductory Mathematical Analysis (WSU Custom Edition)
	12th edition, Pearson Custom, ISBN: 0-536-43567-7

This course will present a low level introduction to some of the fundamental topics in continuous and discrete mathematics. The intended audience is business, economics, and other similar majors at the freshman or sophomore level. You will do well in this course if you **keep up**, and are **regular** in doing the homeworks and quizzes!

Organization and Grading

Homework will be assigned and collected almost daily, for a total of twenty assignments. The list of assigned problems will be announced in class, and also posted on the course web page. One or two problems from those assigned will be selected randomly, and graded. In addition to homework, there will be around nine quizzes. See the course schedule for dates of homeworks and quizzes. The lowest **two** homework scores **from among the ones turned in** will be dropped. Similarly, The **lowest** quiz score, **from among the ones taken** will be dropped. There will be **three** common Tests (mid-terms) given in the evening (see Schedule), and a common final exam. The total score for the course will be calculated using the following weights:

- homework - 15 %
- quizzes - 15 %
- Tests (mid-terms) - 45 % (15% each)
- final exam - 25 %.

Your overall grade for the course will be determined by your total score, based on the following scale: 93–100: A, 90–92.9: A−, 87–89.9: B+, 83–86.9: B, 80–82.9: B−, 77–79.9: C+, 73–76.9: C, 70–72.9: C−, 67–69.9: D+, 60–66.9: D, 0–59.9: F.

Policies: Late homework will **not** be accepted (exceptions may be made for **documented** emergencies). Calculators will **not** be permitted on quizzes and exams (and hence you are encouraged not to use them for homeworks either).

Plagiarism: You may discuss homework problems with others, but you must submit **your own work**. Dishonesty and plagiarism will **not** be tolerated. The penalty could be severe in extreme cases. See the Office of Student Conduct web page at http://www.conduct.wsu.edu for details.

Students with Disabilities: Reasonable accommodations are available for students with a documented disability. If you have a disability and may need accommodations to fully participate in this class, please visit the Disability Resource Center (DRC). All accommodations **must** be approved through the DRC (Admin Annex Bldg, Room 205). If you have questions, please contact Rosie Pavlov at pavlovr@wsu.eduor 335-3417. Additional information is available on the DRC website (www.drc.wsu.edu).

Tentative Course Schedule

(Sections listed are from the text; Wk: Week, Lec: lecture #)

Wk	Lec	Date	Details
1	1	Tue, Aug 26	linear equations (0.7), quadratic equations (0.8)
	2	Thu, Aug 28	0.8, applications of equations (1.1) [HW 1 due]
2	3	Tue, Sep 2	linear inequalities (1.2), applications (1.3) [HW 2 due]
	4	Thu, Sep 4	1.3, absolute value (1.4) [HW 3 due] **[Quiz 1]**
3	5	Tue, Sep 9	summation (1.5), Supplement, functions (2.1) [HW 4 due]
	6	Thu, Sep 11	Special functions (2.2), combinations (2.3) [HW 5 due] **[Quiz 2]**
4	7	Tue, Sep 16	2.3, inverse functions (2.4) [HW 6 due]
	8	Thu, Sep 18	2.4, graphs in rectangular coordinates (2.5) [HW 7 due] **[Quiz 3]**
5	9	Tue, Sep 23	2.5, symmetry (2.6), translation and reflection (2.7) [HW 8 due]
	10	Thu, Sep 25	2.7, Review, **[Quiz 4]**
6		**Mon, Sep 29**	**Test 1, 6-7 p.m. (0.7,0.8, & Chapters 1,2)**
	11	Tue, Sep 30	lines (3.1), linear functions and applications (3.2)
	12	Thu, Oct 2	3.2, quadratic functions (3.3), system of equations (3.4) [HW 9 due]
7	13	Tue, Oct 7	3.4, nonlinear systems (3.5) [HW 10 due]
	14	Thu, Oct 9	applications (3.6), exponential functs (4.1) [HW 11 due], **[Quiz 5]**
8		Tue, Oct 14	*No class - conference*
	15	Thu, Oct 16	4.1, logarithmic functions (4.2) [HW 12 due]
9	16	Tue, Oct 21	props of logarithms (4.3), log and exp equations (4.4) [HW 13 due]
	17	Thu, Oct 23	4.4, Review **[Quiz 6]**
10		**Mon, Oct 27**	**Test 2, 6-7 p.m. (Chapters 3 & 4)**
	18	Tue, Oct 28	matrices (6.1), matrix addition, scalar multiplication (6.2)
	19	Thu, Oct 30	6.2, matrix multiplication (6.3) [HW 14 due]
11	20	Tue, Nov 4	solving systems by reducing matrices (6.4, 6.5) [HW 15 due]
	21	Thu, Nov 6	6.5, inverses (6.6) [HW 16 due] **[Quiz 7]**
12		Tue, Nov 11	*No class - Veterans Day*
	22	Thu, Nov 13	inequalities (7.1), linear programming (7.2) [HW 17 due] **[Quiz 8]**
13	23	Tue, Nov 18	7.2, simplex method (7.4) [HW 18 due]
	24	Thu, Nov 20	7.4 [HW 19 due] **[Quiz 9]**
		Tue, Nov 25	*No class - thanksgiving*
		Thu, Nov 27	*No class - thanksgiving*
14	25	**Tue, Dec 2**	Review, **Test 3, 6-7 p.m. (Chapter 6, 7.1, 7.2, 7.4)**
	26	Thu, Dec 4	permutations (8.1), combinations (8.2)
15	27	Tue, Dec 9	8.2, sample spaces and events (8.3) [HW 20 due]
	28	Thu, Dec 11	probability (8.4), Review
16		**Tue, Dec 16**	**Final exam, 1-3 p.m. (Cumulative)**