University of Montana

ScholarWorks at University of Montana

Fall 9-1-2006

MAT 005.03: Introductory Algebra

Susann Bradford
University of Montana, Missoula, susann.bradford@umontana.edu

MATH 005: INTRODUCTORY ALGEBRA
Revised Fall 2006 Schedule

Instructor: Susann Bradford   CRN: Section: 72340: 03   Room: LA 201
Email: susann.bradford@umontana.edu   Dept. Phone: 243-7824 (msg. only)

TEXT: *Elementary & Intermediate Algebra* (4th Ed.). Bittinger, Ellenbogen & Johnson.
         Addison Wesley (Available at COT Bookstore)

Course Description
Math 005 is a one-semester introductory algebra course covering basic principles of algebraic problem solving. Algebra allows us to solve for unknown quantities, draw graphs of relationships between numbers and make use of the inherent structure of our number system.

"The best laid plans…": Updated Course Schedule ☺
The schedule below has been adapted to reflect the new book! Please discard the old one and use this outline as your guideline for the course.

Monday	Wednesday	Friday
Aug. 28: § 1.3	Aug. 30: § 1.1	Sept. 1: § 1.2, 1.4
Sept. 4: **LABOR DAY – NO CLASS**	Sept. 6: § 1.5, 1.6	Sept. 8: § 1.7 **Problem Set 1 Due**
Sept. 11: § 1.8	Sep. 13: Ch.1 Review & Practice	Sep. 15: **CHAPTER 1 EXAM** **Problem Set 2 Due**
Sept. 18: § 2.1	Sep. 20: § 2.2, 2.3	Sep. 22: § 2.4, 2.5 **Problem Set 3 Due**
Sept. 25: § 2.6, 2.7	Sep. 27: Ch.2 Review & Practice	**Sept. 29: CHAPTER 2 EXAM** **Problem Set 4 Due**
Oct. 2: § 3.1, 3.2	Oct. 04: § 3.3	Oct. 06: § 3.4, 3.5
Oct. 9: § 3.6, 3.7 **Problem Set 5 Due**	Oct. 11: Ch.3 Review & Practice	Oct. 13: **CHAPTER 3 EXAM** **Problem Set 6 Due**
Oct. 16: § 4.1	Oct. 18: § 4.2, 4.3	Oct. 20: § 4.4, 4.5
Oct. 23: § 5.1	Oct. 25: § 5.2 **Problem Set 7 Due**	Oct. 27: § 5.3
Oct. 30: § 5.4, 5.6	Nov. 1: § 5.7, 5.8 **Problem Set 8 Due**	Nov. 3: Ch. 5 Review & Practice
Nov. 6: **CHAPTER 4 & 5 EXAM** **Problem Set 9 Due**	Nov. 8: § 7.1	Nov. 10: § 7.2
Nov. 13: § 7.3	Nov. 15: § 8.1	Nov. 17: § 8.2 **Problem Set 10 Due**
Nov. 20: § 8.3, 8.8	Nov. 22: **THANKSGIVING BREAK NO CLASS**	Nov. 24: **THANKSGIVING BREAK NO CLASS**
Nov. 27: Ch.7&8 Review & Practice	Nov. 29: **CHAPTER 7 & 8 EXAM** **Problem Set 11 Due**	Dec. 1: § 9.4
Dec. 4: § 6.1, 6.2	Dec. 6: 6.3, 6.4	Dec. 8: **Final Review** **Problem Set 12 Due**
Dec 12-16: Finals Week – See Finals Schedule for Test Time **THE FINAL EXAM IS COMPREHENSIVE** **Date:_____ Time:_____**		

Attendance:
Regular attendance is a key to success in this course. New concepts and applications will be presented in nearly every class. If you must miss, it is your responsibility to cover the material.

Practice & Homework:
Practice is the key to mastering new skills. A list of **Homework Assignments** is provided with due dates and problems for each book section we cover in class. Do these promptly after each lesson to check your understanding or prepare questions for the next class. Part of each class will be set aside for questions/review. Problem sets are worth 20 points each. **Points are awarded for effort & work shown on solutions; not just answers.**

You can do extra problems to strengthen your skills as needed! The **Student Solutions Manual** for your text is an excellent resource with step-by-step solutions for problems throughout the book.

Exams:
There are 6 exams, including a comprehensive final. Each exam is worth 100 points. Please let me know if you have special needs or concerns about testing – accommodations will be considered as needed.

Grades:
Grades will be based on your percentage of points earned on class work, problem sets (homework), exams, and a comprehensive final. A sample breakdown of possible points is as follows:

Problem sets:	(12 x 20 points)	≈ 200 points
Exams:	(6 x 100 points)	≈ 600 points
Final Exam:		≈ 100 points
Points Possible		**≈ 900 points**

The following grading scale will be used:

90-100%	A
80-89%	B
68-79%	C
60-67%	D
Below 60%	F

Make-up Exams & Late Homework:
If you must miss an exam, please contact me in advance to make special arrangements. You will be allowed one late make-up test regardless of the excuse. Late homework will receive reduced credit. Make-up exams must be completed within one week of the original test date. No homework or make-up exams will be accepted after Dec. 8th.

Half Back Opportunity: You may correct a graded test and get half of the missed points added to your score. You need to turn in your graded test with the corrections on a separate sheet of paper.

Cheating:
No form of cheating will be tolerated. The penalty for cheating on a test/homework is loss of **all** points for that test/homework. Cheating is not worth the effort and is unfair to those who are honest.

Please contact me if you have any questions or concerns. My job is to help you succeed at math!

MATH 005: INTRODUCTORY ALGEBRA
Homework Assignments

Chapter	Set Due	Text Section	Page	Problems
Chapter 1	Set #1 9/8	1.1	p. 9	2-20 even, 32-40 even, 55-56, 63-64
		1.2	p. 18	48-62 even, 68-80 even
		1.3	p. 28	1-4, 19-21, 35-37, 53-54, 63-70, 74-75, 82, 95, 97
		1.4	p. 37	21-24, 25-27, 37-49 odd, 61-73 odd, 75-80
	Set #2 9/15	1.5	p. 44	7-8, 18-34 even, 44-52 even, 56-57, 63-64, 70-84 even
		1.6	p. 51	40-70 even, 104-105, 109-110, 117-122, 127-132, 136, 138
		1.7	p. 60	12-20 even, 34-40 even, 44-50 even, 57-64, 73-74, 90-100 even
		1.8	p. 70	4-36 even, 45-53 odd, 57-58, 71-83 odd, 88-89
Chapter 2	Set #3 9/22	2.1	p. 87	7-14, 22-23, 33-40, 47-50, 69-72
		2.2	p. 95	8-24 even, 40-50 even, 61-62, 69-70, 80-81, 104
		2.3	p. 101	2-16 even, 17, 21, 28, 47
	Set #4 9/29	2.4	p. 109	19-24, 34-58 even, 65, 68, 73, 76, 83, 88
		2.5	p. 122	1-6, 10, 13, 15, 17, 23, 28, 30, 37, 39
		2.6	p. 133	14-22 even, 32-70 even
		2.7	p. 138	10-26 even
Chapter 3	Set #5 10/9	3.1		
		3.2		
		3.3		
	Set #6 10/13	3.4		
		3.5		
		3.6		
		3.7		
Chapter 4	Set #7 10/25	4.1		
		4.2		
		4.3		
		4.4		
		4.5		
Chapter 5	Set #8 11/1	5.1		
		5.2		
		5.3		
	Set #9 11/6	5.4		
		5.6		
		5.7		
		5.8		
Chapter 7	Set #10 11/17	7.1		
		7.2		
		7.3		
Chapter 8	Set #11 11/29	8.1		
		8.2		
		8.3		
Chapter 6	Set #12 12/8	9.4		
		6.1		
		6.2		
		6.3		
		6.4		

Chapter 2 Problem Sets

Set #3 – Due 9/22

     2.1 (p.87)   7-14, 22-23, 33-40, 47-50, 69-72
     2.2 (p.95)   8-24 even, 40-50 even, 61-62, 69-70, 80-81, 104
     2.3 (p.101)   2-16 even, 17, 21, 28, 47

Set #4 – Due 9/29

     2.4 (p.109)   19-24, 34-58 even, 65, 68, 73, 76, 83, 88
     2.5 (p.122)   1-6, 10, 13, 15, 17, 23, 28, 30, 37, 39
     2.6 (p.133)   14-22 even, 32-70 even
     2.7 (p.138)   10-26 even