

MATH010

Intermediate Algebra

Spring Semester 2008

This syllabus gives a detailed explanation of the course procedures and policies. You are responsible for this information. Please ask your instructor if anything is unclear.



CLASS

	Ref. No.	Days	Hours	Room
RECITATION				
LECTURE		M W F	10:30	CW 101



RESOURCES

The following items are required for this course.

Intermediate Algebra Units 1-6 Course Packet Hawkinson
Internet access (personal, public or university computing)



CALCULATORS

Please be sure you have a "scientific" calculator.

A **TI-30X IIB(S)** is recommended.

A graphing calculator is acceptable, but not required.



SPECIAL NOTE

If you have any condition (e.g. physical or learning disability) which will require academic accommodations, please notify the instructor when classes begin.



POLICY NOTE

Plagiarism and cheating are serious offenses and may be punished by failure on the exam, paper, or project, failure in the course and/or expulsion from KSU.

HOW TO STUDY FOR THIS COURSE



TAKE GOOD NOTES IN LECTURE

The *Lecture Outline* for each day's lecture should be brought to class and completed with the notes given. This will provide an overview of the concepts of the lesson. Attendance will be taken; the outlines will be checked in recitation class. The outlines do play a part in your course grade (see GRADING).



READ THE ONLINE TEXT

Use a web browser to access the MATH010 homepage, and go to the Readings page. Choose the appropriate link for the lesson.

<http://www.math.ksu.edu/~dph/math010.html>



DO THE HOMEWORK

Work all of the Homework questions for the lesson. The answers may be checked using the Key on the last few pages of the Unit. Each assignment includes an Insight to further develop the depth and application of the topic (no answers provided). Please show your work. These assignments do play a part in your final course grade (see GRADING).



ATTEND RECITATION

Credit for lecture/homework is recorded, tests are returned, and help is provided during recitation class. NOTE that a maximum of 4 lectures and 4 homeworks may be presented for grading during any class period.



TAKE THE SAMPLE TEST

A sample test for each unit may be accessed from the MATH010 homepage. Each test is presented in an interactive format with several levels of help.



TEST ON FRIDAY (your option)

The Friday lecture period is often used for testing (see Course Schedule). Only one test per testing period is allowed. All necessary work for each question must be shown on the test paper to receive full credit. [Whole number and decimal arithmetic may be done on a calculator. Fractions must be done as presented in class.] Each test is graded (partial credit may be given) out of a possible 30 points. A "passing" grade for each test is 24 out of 30 or better. If you wish to improve your test score, you may retake another test over that unit. The best score will be counted. The **Final Exam** is a seventh comprehensive test covering all of the units and also is worth 30 points. Tests must be taken in sequence.



DEADLINES

Unit 1 Test given until Feb. 22 (HW due by the following week)

Unit 2 Test given until Mar. 7 * (HW due by the following week)

Unit 3 Test given until Apr. 4 (HW due by the following week)

Unit 4 Test given until Apr. 25 (HW due by the following week)

* The last day to drop the course is March 24th.



GRADING

Homework: 25 @ 6 = 150 points

Lecture Notes: 25 @ 2 = 50 points

**HW and Lecture Notes
are graded
IN RECITATION ONLY**

(Attendance is required for full credit; half credit is given for notes copied at another time.)

Unit Tests : 7 @ 30 = 210 points

Total Points: 410 points

A 345 – 410 points

B 310 – 344 points

C 275 – 309 points

D 240 – 279 points

F less than 230 points

RECORD YOUR GRADES HERE								
Unit/Lesson	LE C	HW	TES T		Unit/Lesson	LE C	HW	TES T
1 1					4 3			
1 2					4 4			
1 3					5 1			
1 4					5 2			
1 5					5 3			
2 1					5 4			
2 2					6 1			
2 3					6 2			
3 1					6 3			
3 2					6 4			
3 3					6 5			
4 1					REVIEW			
4 2					TOTAL			

Please feel free to come by my office when you need assistance. OFFICE HOURS MTWU 3:30-4:45

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MATH010 Course Schedule - Spring Semester 2008

DATE	LEC. NO.	UNIT	LES.	TOPIC
F Jan 18				Course Syllabus & Info
M Jan 21	NO CLASS			University Holiday
W Jan 23	1	1	1	Whole Numbers and Prime Numbers
F Jan 25	2	1	2	Integers and the Order of Operations
M Jan 28	3	1	3	Rational Numbers
W Jan 30	4	1	4	Decimals, Percents and Word Problems
F Feb 1	5	1	5	Square Roots and Irrational Numbers
M Feb 4	6	2	1	Monomial Arithmetic
W Feb 6	7	2	2	Polynomial Arithmetic
F Feb 8				TEST PERIOD
M Feb 11	8	2	3	Common Factoring
W Feb 13	NO LECTURE			Unit Break
F Feb 15				TEST PERIOD
M Feb 18	9	3	1	Trinomial Factoring with $1x^2$
W Feb 20	10	3	2	Advanced Factoring
F Feb 22				TEST PERIOD (Test 1 Deadline)
M Feb 25	11	3	3	Arithmetic with Algebraic Fractions
W Feb 27	NO LECTURE			Unit Break
F Feb 29				TEST PERIOD
M Mar 3	12	4	1	Linear Equations
W Mar 5	13	4	2	Word Problems
F Mar 7				TEST PERIOD (Test 2 Deadline)
M Mar 10	14	4	3	Linear Graphs
W Mar 12	15	4	4	Simultaneous Solutions
F Mar 14				TEST PERIOD
M Mar 17	NO CLASS			Spring Break
W Mar 19	NO CLASS			Spring Break
F Mar 21	NO CLASS			Spring Break
M Mar 24	16	5	1	Quadratic Equations
W Mar 26	17	5	2	Quadratic Graphs
F Mar 28				TEST PERIOD
M Mar 31	18	5	3	Simultaneous Solutions
W Apr 2	19	5	4	Quadratic Applications
F Apr 4				TEST PERIOD (Test 3 Deadline)
M Apr 7	NO LECTURE			Unit Break
W Apr 9	20	6	1	Rules of Exponents / Negative Exponents
F Apr 11				TEST PERIOD
M Apr 14	21	6	2	Roots & Fractional Exponents
W Apr 16	22	6	3	Polynomial Equations
F Apr 18				TEST PERIOD
M Apr 21	23	6	4	Root and Fractional Equations
W Apr 23	24	6	5	Advanced Applications
F Apr 25				TEST PERIOD (Test 4 Deadline)
M Apr 28	NO LECTURE			Unit Break
W Apr 30	25	HW 25 online		Review
F May 2				TEST PERIOD
M May 5	NO LECTURE			Instructor Available in Office
W May 7				EXTRA TEST PERIOD (LEC/HW Deadline)

F May 9		TEST PERIOD
T May 13	NOTE: 11:50 am	LAST TEST PERIOD (ANY ONE TEST 1-7)