

KANSAS ALGEBRA PROGRAM (KAP)
www.math.ku.edu/kap
MATH 101 - COLLEGE ALGEBRA **FALL 2009**

Director: Ingrid Peterson
Strong 323
Hours: by appointment
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KAP Office: Strong 323
Strong 323
Hours: 9 - 12 & 1 - 4 MTWRF
E mail: kap@math.ku.edu
Phone: 864-7317

Help Room/Lab & Testing
Strong 323 / Strong 324
MTWR 7:30 am - 9:00 pm
F 7:30 am - 5:30 pm
Phone: 864-3908

Required Course Materials

- **Text:** *College Algebra: Concepts Through Functions*, Sullivan & Sullivan, Prentice Hall, 2007
 - **Student Handbook**, Mathematics Department, University of Kansas, 2009
 - **Graphing Calculator**, TI-83 or TI-84 series
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Enrollment & Placement

- The Math Department strictly enforces course prerequisites. If you do not meet the prerequisites, you will be automatically disenrolled from the course.
- To encourage success in Math 101, the prerequisite for the course is two years of algebra and a score of 22 or higher on the mathematics portion of the ACT exam (540 on the SAT). Successful completion of Math 002 (or transfer equivalent) is also acceptable.
- If you question your placement in this or any mathematics course, you may take the Placement Exam. Refer to the Mathematics Department website at www.math.ku.edu for details.

Evaluation & Grading Scale

- The grade in this course is determined by performance on four (4) common exams, skills tests, homework & attendance, projects, and a comprehensive final exam.
- Grades may be adjusted upward; they will never be adjusted downward.

Components		Point Scale		
Exams (4)	400 pts	657 - 730	A	90%
Skills tests (5) & Projects (4)	110 pts	584 - 656	B	80%
Homework & Attendance	100 pts	511 - 583	C	70%
Comprehensive Final Exam	120 pts	438 - 510	D	60%
Total:	730 pts	0 - 437	F	<60%

Policies and Procedures

The Student Handbook contains detailed explanations for the course requirements, policies, and procedures for the Kansas Algebra Program.

Projects

A 20-point algebra review project is included in each of the first four (4) units.

- The purpose of the project assignments this semester is to review skills and concepts at the point in the course for which the skills will be used.
- 60 project points are included in the semester total. Students may earn up to 80 points by completing all four projects.

MyKAPInfo

The Kansas Algebra Program uses its own website to communicate with students. Students will access their information with their KU-UserID and password. Follow the [MyKAPInfo](#) link on the home page of the website to:

- Check your progress (after the first unit exam is graded and for the remainder of the semester).
- Find contact information for your discussion leader.
- View the homework policy for your class.
- Register for the Final Exam.

If you have difficulty accessing this information, please go to the KAP office in Strong 323.

Add/Change/Withdrawal Information

- Students may **add or change** sections until August 26. After this date, these actions are subject to approval by the KAP office, Strong 323.
- Withdrawal from Math 101
 - The University Drop Policy can be found at the Office of the University Registrar's website.
 - * 1st period: Beginning of classes through September 10. Course is cancelled and nothing appears on the student's record.
 - * 2nd period: The grade W will appear on the student's academic record but will not be included in the GPA. The second period ends November 16.
 - * 3rd period: The course cannot be dropped.
 - Students who consider a withdrawal from the course during the second period are encouraged to discuss the individual situation with either the Director or Assistant Director of the Kansas Algebra Program before taking action.

Accommodations

- The staff of Disability Resources (AAAC-DR) in Strong 22, 785-864-2620 (v/tty), coordinates accommodations and services for KU courses. If you have a disability for which you may request accommodation in KU classes and have not contacted them, please do so as soon as possible.
- Classroom or testing accommodations for Math 101 should then be arranged through the KAP office in ST 323.
- If a scheduled exam or assignment due date is in conflict with a mandated religious observance, you must contact the KAP office within one week of receiving this syllabus so that an alternative arrangement can be made in advance of the scheduled requirement.

Academic Misconduct

Students are expected to observe all University guidelines pertaining to academic misconduct. As stated in the University Senate Rules and Regulations (2.6.1):

- ‘2.6.1 Academic misconduct by a student shall include, but not be limited to, disruption of classes; threatening an instructor or fellow student in an academic setting; giving or receiving of unauthorized aid on examinations or in the preparation of notebooks, themes, reports or other assignments; knowingly misrepresenting the source of any academic work; unauthorized changing of grades; unauthorized use of University approvals or forging of signatures; falsification of research results; plagiarizing of another’s work; violation of regulations or ethical codes for the treatment of human and animal subjects; or otherwise acting dishonestly in research.’

Academic misconduct will not be tolerated and will be dealt with in accordance with University rules and regulations.

Intellectual Property

- Course materials prepared by the instructor, together with the content of all lectures and review sessions presented by the instructor are the property of the instructor.
- Video and audio recording of lectures and review sessions without the consent of the instructor is prohibited.
- Permission to make such recordings may be granted by the instructor on a case by case basis, on the condition that these recordings are used only as a study aid by the individual making the recording.
- Unless explicit permission is obtained from the instructor, recordings of lectures and review sessions may not be modified and must not be transferred or transmitted to any other person, whether or not that individual is enrolled in the course.

Math 101 Tentative Course Schedule

	Topic and Section(s)	Important Dates
Week 1	Intro, Graphing, Distance, & Circles F.1, F.2a, F.4	
Week 2	Lines, Linear & Non-linear Systems F.3, 6.1	Algebra Review Project 1 - 8/28
Week 3	LABOR DAY Systems & Matrices 6.2	
Week 4	Review	
Exam 1	Group A - 9/15 (T); Group B - 9/16 (W)	Skills Test #1 Deadline - 9/14
	Symmetry & Functions F.2b, 1.1	
Week 5	Function Properties & Average Rate of Change 1.2 - 1.4a	Algebra Review Project 2 - 9/28
Week 6	Piecewise & Transformations 1.4, 1.5	
Week 7	Review	
Exam 2	Group A - 10/6 (T); Group B - 10/7 (W)	ST#2 Deadline - 10/5
	Linear Functions, Variation, & Quadratic Equations 2.1, 2.3a	Algebra Review Project 3 - 10/9
Week 8	Quadratic Functions 2.3b, 2.4	
	FALL BREAK	
Week 9	Quadratic Applications, Polynomial Graphs & Division 2.4, 2.6, 3.1	Retake Exam 1 or 2 - 10/20 or 10/21**
Week 10	Polynomial Zeros & Inequalities 3.5, 3.6, 2.5, 3.4a	
Week 11	Review	ST#3 Deadline - 11/2
Exam 3	Group A - 11/3 (T); Group B - 11/4 (W)	
	Composite & Inverse Functions 4.1, 4.2	
Week 12	Exponential & Logarithmic Functions 4.3 - 4.5	Algebra Review Project 4 - 11/11
Week 13	Exp/Log Equations & Applications 4.6 - 4.8	
Week 14	Review	ST#4 Deadline - 11/24
	THANKSGIVING BREAK	
Exam 4	Group A - 11/30 (M); Group B - 12/1 (T)	
Week 14	Rational Functions 3.2, 3.3 3.4b	
Week 15	Review for Final Exam	ST#5 Deadline - 12/10 Retake Exam 3 or 4 - 12/7 or 12/8**
FINAL EXAM Dates/times TBA in class.		

** No group assignment for Retakes. Students may take either exam on either scheduled day.