APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR and MINOR RECEIVED

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1.	Submitted by the College of	Arts and Sciences		Date:	8 November 2007	MAR 1 8 08
	-					OFFICE OF THE SENATE COUNCIL
	Department/Division offering	course: <u>Mathematics</u>				
2.	What type of change is being 'See the description at the end of the college to the Chair of t	of this form regarding whe Senate Council.	hat constitutes a minor ch			
	If the Senate Council chair de and an email notification will	ems the change not to be i be sent to the contact per	minor, the form will be se son.	nt to the ap	propriate Council for	normal processing
		PRO	OPOSED CHANGES			
		Please con	nplete <u>all</u> "Current" fields			
	Fill out the	e " <i>Proposed</i> " field <u>only</u> fo	or items being changed. $\underline{\mathrm{E}}$	nter N/A if	not changing.	
		Circle the number for eac	h item(s) being changed. l	Fo r ex ampl	e: 6.)	
3.	Current prefix & number:	MA 109	Proposed pre	fix & numl	ber: <u>N/A</u>	
4.	Current Title	College Algebra				
	Proposed Title [†]					
	tilide is longer than 21 shar		write a sensible title (24	characters	or less) for use on tra	anscripts:
			. <u> </u>			
5.	Current number of credit hou	rs: <u>3</u>	Proposed number of c	credit hours	:: <u>N/A</u>	
6.	Currently, is this course repea	atable? YES	NO X If YES,	, current m	inot changing. inot changing. ie: (6.) ber: N/A ior less) for use on trans s: N/A aximum credit hours: aximum credit hours: aximum credit hours: ctual contact hours per v ctual contact hours per v	
	Proposed to be repeatable?	YES	NO X If YES, p	roposed ma	aximum credit hours:	
7.	Current grading system:	🗵 Letter (A, B, C, etc	.) 🗌 Pass/Fail			
	Proposed grading system:	Etter (A, B, C, etc.	.) 🗌 Pass/Fail			
8.	Courses must be described by category, as applicable.	y at least one of the catego	ories below. Include the n	umber of <u>a</u>	ctual contact hours pe	<u>er week</u> for each
	Current:					
	() CLINICAL	() COLLOQUIUM	() DISCUSSION	() I		(<u>3</u>) LECTURE
	() INDEPEND. STUDY	() PRACTICU				() RESIDENCY
	() SEMINAR (OTHER – Please explain:	·		
	Proposed:					
	() CLINICAL	() COLLOQUIUM	() DISCUSSION			() LECTURE
	() INDEPEND. STUDY					
	() SEMINAR (_) STUDIO () OTHER – Please explain	n:		
9.	Requested effective date (ter	m/year):F	all / 2008			

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10.	Current teaching method: 🗌 N/A	Community-Based Expe	erience	Service Learning Component	Both
	Proposed teaching method (if applicable):	Community-Based Expe	erience	Service Learning Component	Both
11.	Current cross-listing: X N/A	Prefix and Number	NAME of	f current cross-listing DEPARTME	ENT
	a. Proposed - REMOVE the current cro	ss-listing:			
	b. Proposed – ADD a cross-listing:	Prefix and Number	Signature	of chair of proposed cross-listing	department
12	Current prerequisites: Two years of high school algebra and a Ma	th ACTE score of 19 or above, o	r MA 108 <u>R</u>	, or math placement test	
	Proposed prerequisites: Two years of high school algebra and a Ma appropriate score on the math placement t		r a Math SA	AT score of 510 or above; or MA 10	98R; or
13.	Current Bulletin description: Selected topics in algebra and analytic geo Includes brief review of basic algebra, qua conic sections and graphing. This course is a higher number with the exceptions of Ma Prereq: Two years of high school algebra a	dratic formula, systems of linear s not available for credit to perso A 112, 123, 162, 199, 201 and 20	equations, ns who hav 2. Credit no	introduction to analytic geometry re received credit in any mathemation of available on the basis of special	including ics course of

Proposed Bulletin description:

Selected topics in algebra. Develops manipulative algebraic skills and mathematical reasoning required for further study in mathematics. Includes brief review of basic algebra, quadratic formula, systems of linear equations, introduction to functions and graphing. This course is not available for credit to persons who have received credit in any mathematics course of a higher number with the exceptions of MA 112, 123, 162, 201 and 202. Credit not available on the basis of special examination.

Prereq: Two years of high school algebra and a Math ACTE score of 21 or above or a Math SAT score of 510 or above; or MA 108R; or appropriate score on the math placement test.

14. What has prompted this change?

Our experience and Kentucky Council on Post-secondary Education suggest that the Math ACT requirement of 19 is too low. Data from fall 2006 indicates that over half the students with Math ACT of 19 or 20 receive DE or W in MA 109. Thus, we should not encourage such students to enroll in MA 109.

The course description has been edited to bring the description in line with current practice.

- 1. MA 109 serves as preparation for Calculus courses such as MA 113 and 123, however it also is a prerequisite for MA 162, 201 and STA 200. The new description reflects this.
- 2. The course no longer emphasizes analytic geometry and the new description reflects this.
- 15. If there are to be significant changes in the content or teaching objectives of this course, indicate changes: There will be no significant changes in the objectives or content of the course.

16. Please list any other department that <u>could</u> be affected by the proposed change:

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 Will changing this course change the degree r If YES¹, list below the programs that require t 	equitements for riter program on europast] YES	NO 🛛				
		mittad					
⁴ In order for the <u>course</u> change to be consider	ed, program change form(s) for the programs above must also be sub-	milea.					
18. Is this course currently included in the University	rsity Studies Program?	Yes	🗆 No				
Check box if If <u>changed to</u> 400G- or 500-level, you must include a syllabus showing differentiation for undergraduate and graduate students by (i) requiring additional assignments by the graduate students; and/or (ii) the establishment of different grading criteria in the course for graduate students. (See SR 3.1.4)							
20. Within the department, who should be contac	ted for further information on the proposed course change?						
Name: Russell Brown	Phone: 859 257 3951 Email: russell.brown@uky	.edu					
21. Signatures to report approvals:							
Dec. 4 3007 DATE of Approval by Department Faculty	Printed name Reported by Department Chair	Signal Si	enture				
12/12/04	printed name Reported by College Dean		naur				
DATE of Approval by College Faculty	printed name Reported by College Dean	$\sum_{i=1}^{n}$	<i>E</i>				
*DATE of Approval by Undergraduate Council	printed name Reported by Undergraduate Council Chair	<u> </u>	nature				
*DATE of Approval by Graduate Council	printed name Reported by Graduate Council Chair	sig	naure				
*DATE of Approval by Health Care Colleges Council (HCCC)	printed mine Reported by Health Care Colleges Council Cha	ir sig	nature				
*DATE of Approval by Senate Council	Reported by Office of the Senate Council						
*DATE of Approval by the University Senate	Reported by the Office of the Senate Council						
*If applicable, as provided by the University Senate	Rules. (<u>http://www.uky.edu/USC/New/RulesandRegulationsMain.htm</u>)					
Excerpt from University Senate Rules:	*******						

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SR 3.3.0.G.2: Definition. A request may be considered a minor change if it meets one of the following criteria:

- a. change in number within the same hundred series;
 b. editorial change in the course title or description which does not imply change in content or emphasis;