

Degree program: __Bachelor of Arts with a Major in Mathematics with Grades 8-12 Certification____

Program Student Learning Outcomes
1. Students will be able to communicate effectively in written and oral forms, work successfully in teams, and understand ethical responsibilities.
2. Students will be able to think critically and be prepared for life-long learning.
3. Students will be able to continue graduate studies in Mathematics or related field.
4. Students will be able to pass the corresponding TExES examination.
5. Students will be able to apply new methodologies of teaching.

Worksheet #2 – Program Checklist – List required courses and indicate level/s of delivery

By putting (I, E, R or A) into Each Box

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I = Students are INTRODUCED to material
E = The material is EMPHASIZED and taught in depth
R = The material is REINFORCED with additional exposure to the information
A = The Competencies/Skills are being APPLIED

List of courses required for the degree	Program-level outcomes addressed				
	#1 Students will be able to communicate effectively in written and oral forms, work successfully in teams, and understand ethical responsibilities.	#2 Students will be able to think critically and be prepared for life-long learning.	#3 Students will be able to continue graduate studies in Mathematics or related field.	#4 Students will be able to pass the corresponding TExES examination.	methodologies of teaching.
MATH 2413		I	I	I	
MATH 2414		E	E	E	
MATH 2415		E	E	E	
COSC 1336	I	I			
COSC 1136	I	I			
MATH 3310		I	I		
MATH 3325		I	I	I	
MATH 3330		E	E	E	
MATH 3360		I	I	I	
MATH 3365		I	I	I	
MATH 4310		E	E	E	
MATH 4335		E	E	E	
MATH 4390	E	E		E	I
EDCI 3301	I		I	I	E
EDCI 3302	E		I	I	E
EDCI 3305	E		I	I	E
EDCI 4993	E		E	E	E
EDDP 4324	E		I	I	E
EDRD 3320	E		I	I	E

**Worksheet #3 - Order Courses by Outcome and Level of Delivery (Courses may be listed more than once)
Indicate level of delivery by checking the appropriate box) Add cells as necessary**

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Program-level outcome addressed (write out each program level outcome)	Level of Material Delivery (List classes in order of material delivery)				Courses List courses (or groups of courses) in order of material delivery for each outcome (I, E, R and then A). Courses may provide more than one level of material delivery.	Curriculum Component/s (Class Activities) that Address Outcome	Means of Assessment
	I	E	R	A			
#1 Students will be able to communicate effectively in written and oral forms, work successfully in teams, and understand ethical responsibilities.	X				COSC 1336		
	X				COSC 1136		
		X			MATH 4390		
	X				EDCI 3301		
		X			EDCI 3302		
		X			EDCI 3305		
		X			EDCI 4993		
		X			EDDP 4324		
#2 Students will be able to think critically and be prepared for life-long learning.		X			EDRD 3320		
	X				MATH 2413		
		X			MATH 2414		
		X			MATH 2415		
	X				COSC 1336		
	X				COSC 1136		
	X				MATH 3310		
	X				MATH 3325		
		X			MATH 3330		
	X				MATH 3360		
	X				MATH 3365		
		X			MATH 4310		
	X			MATH 4335			
	X			MATH 4390			
#3 Students will be able	X				MATH 2413		

to continue graduate studies in Mathematics or related field.		X			MATH 2414		
		X			MATH 2415		
	X				MATH 3310		
	X				MATH 3325		
		X			MATH 3330		
	X				MATH 3360		
	X				MATH 3365		
		X			MATH 4310		
		X			MATH 4335		
	X				EDCI 3301		
	X				EDCI 3302		
	X				EDCI 3305		
		X			EDCI 4993		
	X				EDDP 4324		
X				EDRD 3320			
#4 Students will be able to pass the corresponding TExES examination.					MATH 2413		
	X						
		X			MATH 2414		
		X			MATH 2415		
	X				MATH 3325		
		X			MATH 3330		
	X				MATH 3360		
	X				MATH 3365		
		X			MATH 4310		
		X			MATH 4335		
		X			MATH 4390		
	X				EDCI 3301		
	X				EDCI 3302		
	X				EDCI 3305		
	X			EDCI 4993			
X				EDDP 4324			
X				EDRD 3320			
#5 Students will be able to	X				MATH 4390		
		X			EDCI 3301		
		X			EDCI 3302		

apply new methodologies of teaching.		X			EDCI 3305		
		X			EDCI 4993		
		X			EDDP 4324		
		X			EDRD 3320		

Worksheet #4 - Needed Modifications, if any, for Curriculum Alignment

Goal: Degree programs are coherent in that they demonstrate 1) sequencing, 2. progression or increasing complexity, and 3) linkages between and among program core courses.

Curriculum Modifications Needed	Why Needed?
We do not think that we need to modify this program at this time, but we will reconsider this question during Fall 2008.	