TEXAS A&M UNIVERSITY CORPUS CHRISTI
MASTER OF SCIENCE IN MATHEMATICS - 2011-12 CATALOG
CURRICULUM CONTENT OPTION

SAMPLE

Name: _____
ID#: _____

ONLY

COMPETENCY REQUIREMENTS

CANDIDATES FOR THIS CURRICULUM CONTENT OPTION SHOULD HAVE TEACHING CERTIFICATION, TEACHING EXPERIENCE OR BOTH. CANDIDATES SEEKING INITIAL CERTIFICATION SHOULD CONTACT THE SMTE COORDINATOR OR COLLEGE OF EDUCATION TO MAKE PLANS FOR CERTIFICATION AS LEVELING WORK.

Leveling work within Mathematics: **COMPLETED**

MATH	2305	DISCRETE MATHEMATICS	
MATH	2413	CALCULUS I	
MATH	3311	LINEAR ALGEBRA	

			LOCATION	TERM	GRADE	HRS.
CORE COURSES (24 HOURS)						
MATH	5321	PROBLEM SOLVING & MATH REASONING	TAMUCC			3
MATH	5322	MATHEMATICS ASSESSMENT	TAMUCC			3
MATH	5325	STRUCTURE OF NUMBER CONCEPTS	TAMUCC			3
MATH	5326	STRUCTURE OF PATTERNS & ALGEBRA	TAMUCC			3
MATH	5327	STRUCTURE OF GEOMETRY & MEASUREMENT	TAMUCC			3
MATH	5328	STRUCTURE OF PROBABILITY & STATISTICS	TAMUCC			3
MATH	5329	STRUCTURE OF MODELING W/RATES OF CHA	TAMUCC			3
MATH	5370	MODELING OF NATURAL SYSTEMS	TAMUCC			3
						24
ELECTIVES (6 HOURS)						
GRAD LEVEL		APPROVED ELECTIVE	TAMUCC			3
GRAD LEVEL		APPROVED ELECTIVE	TAMUCC			3
						6

Any of the courses MATH 5323, MATH 5331 or MATH 5332 may be used as an elective. With prior approval of the Department Chair any course with significant and appropriate mathematical content may be taken as an elective.

THESIS/PROJECT (6 HOURS TOTAL, ALL STUDENTS TAKE MATH 5393, THEN CHOOSE EITHER THESIS OR PROJECT)

MATH	5393	LITERATURE REVIEW AND RESEARCH METHODO	TAMUCC			3
(1) THESIS						
MATH	5995	THESIS	TAMUCC			3
(2) PROJECT						
MATH	5997	DIRECTED RESEARCH	TAMUCC			(3)
						6

*NOTE - MATH 5997 MUST BE PASSED WITH A 'B' OR BETTER

REQUIREMENT SUMMARY:

TRANSFER HOURS (MAX 6)		**TOTAL HOURS:**	36
5000 LEVEL HOURS (MIN 30)			
RESIDENCY HOURS (MIN 30)		**GPA** (MIN. 3.0)**:**	

Last Reviewed/Revised on: 9/15/2011