

2009-2010

ASSOCIATE OF SCIENCE
Field of Study in Mathematics

STUDENT NAME _____ SS# _____
 ADDRESS _____ CITY, STATE, & ZIP CODE _____
 TELEPHONE (DAY) _____ EVE _____ ENROLLMENT DATE _____

PLACEMENT TESTING:

Alternative Exam:	Read	Writing	Math	*TSI COMPLETE/EXEMPT/WAIVED DATE: _____ *Texas Success Initiative Rules
Accuplacer/ASSET/COMPASS/THEA	_____	_____	_____	
ACT	_____	_____	_____	
SAT	_____	_____	_____	

DEVELOPMENTAL COURSES (enter grade) _____ Orin 101 - College Success
 Reading: _____ None _____ READ 70 _____ READ 80 _____ READ 90 _____ Non Course Remediation
 Writing: _____ None _____ ENGL 71 _____ ENGL 81 _____ ENGL 91 _____ Non Course Remediation
 Math: _____ None _____ MATH 80 _____ MATH 85 _____ MATH 90 _____ Non Course Remediation

Major Courses			SCH	COLLEGE	SEM/YR	GRADE	COMMENTS
FIRST YEAR - FALL SEMESTER							
HIST	1301	United States History I or HIST 2327	3				
ENGL	1301	Composition	3				
COSC	1301	Microcomputer Applications	3				
MATH	1414	College Algebra or MATH 1324	3 or 4				
MATH	1442	Statistics	4				
FIRST YEAR - SPRING SEMESTER							
		Speech Elective- Core Curriculum	3				
HIST	1302	United States History II or HIST 2328	3				
ENGL	1302	Compositon II - Rhetoric	3				
		Visual & Performing Arts Elect.-Core Curriculum	3				
MATH	2412	Precalculus Algebra and Trigonometry	4				
FIRST YEAR - SUMMER							
MATH	2413	Calculus I	4				
SECOND YEAR - FALL SEMESTER							
GOVT	2301	American Government I	3				
		Natural Science Elective - Core Curriculum	4				
MATH	2414	Calculus II	4				
		Humanities Elective - Core Curriculum	3				
MATH	2418	Linear Algebra (Optional / Recommended)	4				
SECOND YEAR - SPRING SEMESTER							
GOVT	2302	American Government II	3				
		Natural Science Elective - Core Curriculum	4				
		Social & Behavioral Science Elective-Core Curriculum	3				
MATH	2415	Calculus III	4				
MATH	2420	Differential Equations(Optional/Recommended)	4				

STUDENT'S SIGNATURE _____ DATE _____ FACULTY/ADVISOR'S SIGNATURE _____ DATE _____

2008-2009 Associate of Science, Field of Study in Mathematics

PRE-REQUISITES:

- HIST 1301 UNITED STATES HISTORY I**
Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.
- HIST 2327 MEXICAN-AMERICAN HISTORY I**
*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.
(May substitute for HIST 1301.)*
- ENGL 1301 COMPOSITION**
*Prerequisite: A score of 60+/E-6, E-7, E-8 or 80+/E-5 on the ACCUPLACER Exam for Writing, equivalent placement score, or completion of ENGL 0091 with a grade of "C" or better; **and** a score of 61 on the ACCUPLACER Exam for Reading, the completion of READ 0080 or equivalent.*
- COSC 1301 MICROCOMPUTER APPLICATIONS**
Prerequisite: Successful completion of READ 0090 or equivalent.
- MATH 1414 COLLEGE ALGEBRA**
Prerequisite: A score of 68+ on the Elementary Algebra ACCUPLACER Exam, or a score of 63+ on the CLM ACCUPLACER Exam, or completion of MATH 0090 with a grade of "P", "C" or better, or equivalent.
- MATH 1324 FINITE MATHEMATICS**
Prerequisite: A score of 68+ on the Elementary Algebra ACCUPLACER Exam, or a score of 63+ on the CLM ACCUPLACER Exam, or completion of MATH 0090 with a grade of "P", "C" or better, or equivalent.
- MATH 1442 STATISTICS**
Prerequisite: A score of 68+ on the Elementary Algebra ACCUPLACER Exam, or a score of 63+ on the CLM ACCUPLACER Exam, or completion of MATH 0090 with a grade of "P", "C" or better, or equivalent.
- HIST 1302 UNITED STATES HISTORY II**
Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.
- HIST 2328 MEXICAN-AMERICAN HISTORY II**
*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.
(May substitute for HIST 1302.)*
- ENGL 1302 COMPOSITION II - RHETORIC**
Prerequisite: A grade of "C" or higher in ENGL 1301.
- MATH 2412 PRECALCULUS ALGEBRA AND TRIGONOMETRY**
Prerequisite: MATH 1414 with a grade of "C" or better; or a 100+ on the Elementary Algebra ACCUPLACER or a 75+ on the College Level Mathematics ACCUPLACER, or a 280+ on the math portion of the THEA Exam.
- MATH 2413 CALCULUS I**
Prerequisite: MATH 2412 with a grade of "C" or better; or a 100+ on the College Level Mathematics ACCUPLACER.
- GOVT 2301 AMERICAN GOVERNMENT I**
Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.
- MATH 2414 CALCULUS II**
Prerequisite: MATH 2413 with a grade of "C" or better.
- MATH 2418 LINEAR ALGEBRA**
Prerequisite: MATH 2413 with a grade of "C" or better.
- GOVT 2302 AMERICAN GOVERNMENT II**
*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.
Recommended: Completion of GOVT 2301.*
- MATH 2415 CALCULUS III**
Prerequisite: MATH 2414 with a grade of "C" or better.
- MATH 2420 DIFFERENTIAL EQUATIONS**
Prerequisite: MATH 2414 with a grade of "C" or better.

SPEECH ELECTIVE - 3 CREDITS (Depending on the course, check the catalog for pre-requisites.)

VISUAL & PERFORMING ARTS ELECTIVE - 3 CREDITS (Depending on the course, check the catalog for pre-requisites.)

NATURAL SCIENCE ELECTIVE - 8 CREDITS (Depending on the course, check the catalog for pre-requisites.)

HUMANITIES ELECTIVE - 3 CREDITS (Depending on the course, check the catalog for pre-requisites.)

SOCIAL / BEHAVIORAL SCIENCES ELECTIVE - 3 CREDITS (Depending on the course, check the catalog for pre-requisites.)