

2008-2009

ASSOCIATE OF SCIENCE
Field of Study in Engineering

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:
Accuplacer/ASSET/COMPASS/THEA				
ACT				
SAT				

*Texas Success Initiative Rules

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 or COSC 1336	3				
MATH	2412	Precalculus Algebra & Trigonometry**	4				
ENGR	1101	Introduction to Engineering	1				
FIRST YEAR - SPRING SEMESTER							
HIST	1302	United States History II or HIST 2328	3				
ENGL	1302	Composition II - Rhetoric	3				
		Visual & Performing Arts Elect.-Core Curriculum	3				
ENGR	2430	Digital Systems Engineering I	4				
ENGR	1204	Engineering Graphics	2				
FIRST YEAR - SUMMER							
MATH	2413	Calculus I	4				
PHYS	2425	University Physics I	4				
SECOND YEAR - FALL SEMESTER							
SPCH	1311	Intro. to Speech Communication or SPCH 1315	3				
		or SPCH 1318 or SPCH 1321					
GOVT	2301	American Government I	3				
ENGR	2301	Statics	3				
PHYS	2426	University Physics II	4				
SECOND YEAR - SPRING SEMESTER							
GOVT	2302	American Government II	3				
		Humanities Elective - Core Curriculum	3				
ENGR	2302	Dynamics	3				
		Social & Behavioral Science Elective-Core Curriculum	3				

**Check catalog for prerequisites.

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

PRE-REQUISITES:

HIST	1301	UNITED STATES HISTORY I <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.</i>
HIST	2327	MEXICAN-AMERICAN HISTORY II <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.)</i>
ENGL	1301	COMPOSITION <i>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; <u>and</u> a score of 61 on the ACCUPLACER Exam for Reading, the completion of READ 0080 or equivalent.</i>
COSC	1301	MICROCOMPUTER APPLICATIONS <i>Prerequisite: Successful completion of READ 0090 or equivalent.</i>
COSC	1336	PROGRAMMING FUNDAMENTALS I <i>Prerequisite: Concurrent enrollment in MATH 0090 or completion of equivalent. Recommended: MATH 1414 with a grade of "C" or better.</i>
MATH	2412	PRECALCULUS ALGEBRA AND TRIGONOMETRY <i>Prerequisite: MATH 1414 with a grade of "C" or better.</i>
ENGR	1101	INTRODUCTION TO ENGINEERING <i>Prerequisite: None. Recommended: MATH 1414.</i>
HIST	1302	UNITED STATES HISTORY II <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.</i>
HIST	2328	MEXICAN-AMERICAN HISTORY II <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 1302.)</i>
ENGL	1302	COMPOSITION II - RHETORIC <i>Prerequisite: A grade of "C" or higher in ENGL 1301.</i>
ENGR	2430	DIGITAL SYSTEMS ENGINEERING I <i>Prerequisite: None. Recommended: MATH 1414.</i>
ENGR	1204	ENGINEERING GRAPHICS <i>Prerequisite: COSC 1301 with a grade of "C" or better.</i>
MATH	2413	CALCULUS I <i>Prerequisite: MATH 2412 with a grade of "C" or better.</i>
PHYS	2425	UNIVERSITY PHYSICS I <i>Prerequisite: MATH 2413 with a grade of "C" or better.</i>
SPCH	1311	INTRODUCTION TO SPEECH COMMUNICATION <i>Prerequisite: Completion of READ 0080 or equivalent.</i>
SPCH	1315	PUBLIC SPEAKING <i>Prerequisite: Completion of READ 0080 or equivalent.</i>
SPCH	1318	INTERPERSONAL COMMUNICATIONS <i>Prerequisite: Completion of READ 0080 or equivalent.</i>
SPCH	1321	BUSINESS & PROFESSIONAL SPEAKING <i>Prerequisite: Completion of READ 0080 or equivalent.</i>
GOVT	2301	AMERICAN GOVERNMENT I <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.</i>
ENGR	2301	STATICS <i>Prerequisite: PHYS 2425 and MATH 2413 with a grade of "C" or better and completion of or concurrent enrollment in MATH 2414, or permission from the instructor.</i>
PHYS	2426	UNIVERSITY PHYSICS II <i>Prerequisite: PHYS 2425 with a grade of "C" or better.</i>

GOVT 2302 AMERICAN GOVERNMENT II

Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 90 with a grade of "C" or better.

Recommended: Completion of GOVT 2301.

ENGR 2302 DYNAMICS

Prerequisite: ENGR 2301 and MATH 2414 with a grade of "C" or better or permission from the instructor.

VISUAL & PERFORMING ARTS ELECTIVE - 3 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.)