

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
<b>FIRST YEAR - FALL SEMESTER</b>							
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				
<b>FIRST YEAR - SPRING SEMESTER</b>							
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				
<b>FIRST YEAR - SUMMER</b>							
MATH	2413	Calculus I	4				
PHYS	2425	University Physics I	4				
<b>SECOND YEAR - FALL SEMESTER</b>							
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				
<b>SECOND YEAR - SPRING SEMESTER</b>							
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 \_\_\_\_\_

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

**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 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 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.*
- COSC 1336 PROGRAMMING FUNDAMENTALS I**  
*Prerequisite: Concurrent enrollment in MATH 0090 or completion of equivalent.  
Recommended: MATH 1414 with a grade of "C" or better.*
- MATH 2412 PRECALCULUS ALGEBRA AND TRIGONOMETRY**  
*Prerequisite: MATH 1414 with a grade of "C" or better.*
- ENGR 1101 INTRODUCTION TO ENGINEERING**  
*Prerequisite: None. Recommended: MATH 1414.*
- 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.*
- ENGR 2430 DIGITAL SYSTEMS ENGINEERING I**  
*Prerequisite: None. Recommended: MATH 1414.*
- ENGR 1204 ENGINEERING GRAPHICS**  
*Prerequisite: COSC 1301 with a grade of "C" or better.*
- MATH 2413 CALCULUS I**  
*Prerequisite: MATH 2412 with a grade of "C" or better.*
- PHYS 2425 UNIVERSITY PHYSICS I**  
*Prerequisite: MATH 2413 with a grade of "C" or better.*
- SPCH 1311 INTRODUCTION TO SPEECH COMMUNICATION**  
*Prerequisite: Completion of READ 0080 or equivalent.*
- SPCH 1315 PUBLIC SPEAKING**  
*Prerequisite: Completion of READ 0080 or equivalent.*
- SPCH 1318 INTERPERSONAL COMMUNICATIONS**  
*Prerequisite: Completion of READ 0080 or equivalent.*
- SPCH 1321 BUSINESS & PROFESSIONAL SPEAKING**  
*Prerequisite: Completion of READ 0080 or equivalent.*
- 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.*
- ENGR 2301 STATICS**  
*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.*
- PHYS 2426 UNIVERSITY PHYSICS II**  
*Prerequisite: PHYS 2425 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 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.)**