

2009-2010

ASSOCIATE OF SCIENCE  
Field of Study in Computer Science

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

PLACEMENT TESTING:

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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
<b>FIRST YEAR - FALL SEMESTER</b>							
HIST	1301	United States History I or HIST 2327	3				
ENGL	1301	Composition	3				
MATH	1414	College Algebra or MATH 2412 or MATH 2413	4				
COSC	1301	Microcomputer Applications	3				
COSC	1336	Programming Fundamentals I	3				
<b>FIRST YEAR - SPRING SEMESTER</b>							
HIST	1302	United States History II or HIST 2328	3				
ENGL	1302	Composition II - Rhetoric	3				
		Natural Science Elective - Core Curriculum	4				
COSC	1337	Programming Fundamentals II	3				
GOVT	2301	American Government I	3				
<b>SECOND YEAR - FALL SEMESTER</b>							
		Speech Elective- Core Curriculum	3				
		Social & Behav. Sciences Elect.-Core Curriculum	3				
		Natural Science Elective - Core Curriculum	4				
COSC	2336	Programming Fundamentals III	3				
<b>SECOND YEAR - SPRING SEMESTER</b>							
GOVT	2302	American Government II	3				
COSC	2330	Advanced Structured Languages	3				
COSC	2325	Computer Organization & Machine Language	3				
		Visual & Performing Arts Elect.-Core Curriculum	3				
		Humanities Elective - Core Curriculum	3				

STUDENT'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ FACULTY/ADVISOR'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**2009-2010 Associate of Science, Field of Study in Computer Science**

**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.*

**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 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.*

**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.*

**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.*

**COSC 1337 PROGRAMMING FUNDAMENTALS II**

*Prerequisite: COSC 1336 with a grade of "C" or better.*

**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.*

**COSC 2336 PROGRAMMING FUNDAMENTALS III**

*Prerequisite: COSC 1337 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.*

**COSC 2330 ADVANCED STRUCTURED LANGUAGES**

*Prerequisite: COSC 2336 with a grade of "C" or better.*

**COSC 2325 COMPUTER ORGANIZATION & MACHINE LANGUAGE**

*Prerequisite: COSC 1336 with a grade of "C" or better.*

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

**SPEECH 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.)**

**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.)**