

2013-2014

BACHELOR OF APPLIED TECHNOLOGY  
**Computer & Information Technologies**  
CIT

STUDENT NAME \_\_\_\_\_ A# \_\_\_\_\_  
 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

**LOWER DIVISION REQUIREMENTS**

**General Education Core Curriculum**

			SCH	COLLEGE	SEM/YR	GRADE	COMMENTS
<b>FIRST YEAR - FALL SEMESTER</b>							
ENGL	1301	Composition	3				
COSC	1301	Microcomputer Applications	3				
HIST	1301	United States History I or HIST 2327	3				
		Humanities Elective - Core Curriculum	3				
ITNW	1425	Fundamentals of Networking Technologies	4				
<b>FIRST YEAR - SPRING SEMESTER</b>							
ENGL	1302	Composition II - Rhetoric	3				
SPCH	1321	Business and Prof Speak or SPCH 1311, 1315, 1318, 2333, or 2335	3				
HIST	1302	United States History II or HIST 2328	3				
MATH	1414	College Algebra	4				
ITNW	2421	Networking with TCP/IP	4				
<b>SECOND YEAR - FALL SEMESTER</b>							
GOVT	2305	Federal Government	3				
		Natural Science Elective - Core Curriculum	4				
		Visual & Performing Arts Elect.-Core Curriculum	3				
		Technical Specialty Course	3				
ITSE	1431	Intro to Visual Basic Programming or COSC 1430	4				
<b>SECOND YEAR - SPRING SEMESTER</b>							
		Social & Behav. Sciences Elct.-Core Curriculum	3				
		Natural Sciences Elective - Core Curriculum	4				
ITSE	1411	Beginning Web Page Programming or COSC 1315	3 to 4				
		Technical Specialty Course	3				
GOVT	2306	Texas Government	3				
<b>Third Year - Fall Semester</b>							
		Technical Specialty Course	3				
		Technical Specialty Course	3				
		Technical Specialty Course	3				
CITP	3360	Digital Image Processing and Presentation	3				
CITP	3310	Survey of Programming Languages	3				

Third Year - Spring Semester							
CITP	3312	Fundamentals of Information Security	3				
CITP	3302	Advanced Networking (Networking +)	3				
		Technical Specialty Course	3				
		Technical Specialty Course	3				
		Technical Specialty Course	3				
Fourth Year - Fall Semester							
CITP	4316	Advanced Web Design	3				
CITP	3320	Database Management	3				
CITP	4345	Data Communications-Convergent Technology	3				
CITP	4350	Advanced Computer Programming	3				
Fourth Year - Spring Semester							
CITP	4330	Advanced Network Security	3				
CITP	4301	CAPSTONE: Computer/Info. Tech Internship	3				
CITP	4340	Special Topics Course- CIT	3				
		Computer & Info. Technology Elective	3				

**LOWER DIVISION REQUIREMENTS  
TECHNICAL SUPPORT COURSES**

*The student is required to complete 39-40 semester credit hours of technical specialty coursework from an approved Associate of Applied Science (A.A.S.) degree. The 39-40 semester credit hours must include 4 of the courses (15-16 semester credit hours) listed below. The approved A.A.S. degrees are as follows: **Business Computer Systems, Computer Aided Drafting and Design, Business Administration, Electronic & Computer Maintenance Technology, Office Management, Legal Office Management, and Paralegal.** Coursework from other A.A.S. degrees will be evaluated on a case by case basis.*

				SCH	COLLEGE	SEM/YR	GRADE	COMMENTS
TECHNICAL SUPPORT COURSEWORK								
<i>Foundation Courses (Required)</i>				<b>15 to 16</b>				
ITNW	1425	Fundamentals of Networking Technologies	4					
ITNW	2421	Networking with TCP/IP	4					
ITSE	1431	Intro to Visual Basic Programming or COSC 1430	4					
ITSE	1411	Beginning Web Page Programming or COSC 1315	3 to 4					
<i>Technical Specialty Courses</i>				<b>24</b>				

*\*Note: Students entering the BAT program with a completed Associate of Science (A.S.) or Associate of Arts (A.A.) degree may apply their field of study coursework toward the 24 semester credit hour technical specialty requirement.*

### UPPER DIVISION REQUIREMENTS

**Junior Standing:** Completion of an Associate of Applied Science (A.A.S.) Degree or completion of sixty (60) credit hours from a regionally accredited institution with at least fifteen (15) credit hours in general education coursework; or completion of an Associate of Arts (A.A.) or Associate of Science (A.S.) Degree from a regionally accredited institution.

**Senior Standing:** A minimum of ninety (90) credit hours from a regionally accredited institution with at least twenty-one (21) credit hours in upper-level coursework.

Required Computer & Information Technology Major Courses			33				
CITP	3302	Advanced Networking (Networking+)	3				
CITP	3360	Digital Image Processing and Presentation	3				
CITP	3320	Database Management	3				
CITP	3310	Survey of Programming Languages	3				
CITP	3312	Fundamentals of Information Security	3				
CITP	4316	Advanced Web Design	3				
CITP	4345	Data Communication-Convergent Technology	3				
CITP	4340	Special Topics Course- CIT	3				
CITP	4301	Capstone- CIT Internship	3				
CITP	4350	Advanced Computer Programming	3				
CITP	4330	Advanced Network Security	3				

Computer & Information Technology Elective Courses			3				
<i>(3 hours selected from the following list)</i>							
CITP	3305	System Analysis and Design	3				
TMGT	3336	Management and Law	3				
TMGT	3338	Accounting for Technical Managers	3				
TMGT	3311	Technology in Enterprise Management	3				

*Note: Students who have not completed the lower-division requirements may only take up to 50% of their course load from upper-division requirements. The remaining 50% must be taken from lower-division requirements. If a student plans to enroll in only one course per semester, that course must be a lower-division requirement until such time that all lower-division requirements have been met.*

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