

BACHELOR OF APPLIED TECHNOLOGY

Computer & Information Technologies

Students are admitted to South Texas College through the provisions of Board Policy 3200. General admission to the College does not imply admission to all programs of the College.

Baccalaureate Degrees at South Texas College are Selective Programs with application requirements. Application requirements are included in the college catalog.

LOWER DIVISION REQUIREMENTS			
General Education Core Curriculum			
			SCH
First Year - Fall Semester			
ENGL	1301	Composition I	3
HIST	1301	United States History I or HIST 2327	3
		Language, Philosophy & Culture Elective - Core Curriculum	3
		Component Area Option - Core Curriculum	3
ITNW	1425	Fundamentals of Networking Technologies or CPMT 1449	4
First Year - Spring Semester			
ENGL	1302	Composition II - Rhetoric	3
HIST	1302	United States History II or HIST 2328	3
MATH	1414	College Algebra	4
ITNW	2421	Networking with TCP/IP or CPMT 2449	4
Second Year- Fall Semester			
GOVT	2305	Federal Government	3
		Life & Physical Sciences Elective - Core Curriculum	4
		Creative Arts Elective - Core Curriculum	3
		Technical Specialty Course	3
ITSE	1431	Intro to Visual Basic Programming or COSC 1430	4
Second Year - Spring Semester			
		Social & Behavioral Sciences Elective - Core Curriculum	3
		Life & Physical 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
Third Year - Fall Semester			
		Technical Specialty Course	3
		Technical Specialty Course	3
		Technical Specialty Course	3
CITP	3306	Internet/Intranet Server Integration	3
CITP	3305	System Analysis and Design	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	3310	Survey of Programming Languages	3
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

*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 33 semester credit hour technical specialty requirement.