



A.A.S. in Cyberdefense – Information Assurance

to

B.A.T. in Computer and Information Technologies

Pathway

A.A.S. in Cyberdefense – Information Assurance					
CTC Degree Requirements	Credits	Courses	STC Transfer Equivalent	STC Core/Degree Equivalent	
1	COSC 1301 or ITSC 1301	3	COSC 1301 Introduction to Computing or ITSC 1301 Introduction to Computers	COSC 1301 or TRAN XXXX	Lower-Division Elective
2	ITSC 1316	3	ITSC 1316 Linux Installation and Configuration	ITSC 1416	Lower-Division Elective
3	ITNW 1325	3	ITNW 1325 Fundamentals of Networking Technologies (Required for BAT)	ITNW 1445	Required Technical Support Course (Major)
4	ITNW 1316	3	ITNW 1316 Network Administration	ITNW 1416	Lower-Division Elective
5	MATH 1314	3	MATH 1314 College Algebra	MATH 1414	Mathematics (Core)
6	ITSY 1342	3	ITSY 1342 Information Technology Security	TRAN XXXX	Lower-Division Elective
7	ITSE 1359	3	ITSE 1359 Introduction to Scripting Languages	TRAN XXXX	Lower-Division Elective
8	ITCC 1344	3	ITCC 1344 CCNA2: Switching, Routing and Wireless Essentials	TRAN XXXX	Lower-Division Elective
9	ENGL 1301	3	ENGL 1301 Composition I	ENGL 1301	Communication (Core)
10	Social & Behavioral Science Elective	3			Social & Behavioral Science (Core)
11	ITNW 1345	3	ITNW 1345 Implementing Network Directory Services	TRAN XXXX	Lower-Division Elective

12	ITSY 2401	4	ITSY 2401 Firewalls and Network Security		
13	ITSC 2325	3	ITSC 2325 Advanced Linux	TRAN XXXX	Lower-Division Elective
14	ITNW 1313	3	ITNW 1313 Computer Virtualization	TRAN XXXX	Lower-Division Elective
15	SPCH 1321	3	SPCH 1321 Business and Professional Communication	SPCH 1321	Component Area Option (Core)
16	ITSY 2345	3	ITSY 2345 Network Defense and Countermeasures	ITSY 2445	Lower-Division Elective
17	Creative Arts Elective	3			Creative Arts (Core)
18	ITNW 1454	4	ITNW 1454 Implementing and Supporting Servers	ITNW 1454	
19	ITSY 2459 or ITSY 2486	4	ITSY 2459 Security Assessment and Auditing (CAPSTONE) or ITSY 2489 Internship – Computer and Information Systems Security		

A.A.S. Cyberdefense – Information Assurance Total 60

Notes:

- If the course number is listed as XXXX in the STC Transfer equivalent, that means that STC does not have a matching course number.
- If a course has a matching STC Core/Degree Equivalent, then it is being counted towards your degree at STC.
- Student may complete the core curriculum at Central Texas College and then transfer to STC.
- STC will accept up to 90 hours of transfer credit.

Apply for Admission to South Texas College.

Transferring to South Texas College:

1. Complete the Apply Texas application.
2. An official transcript from each institution previously attended must be submitted to the Enrollment Center.
3. All new transfer students who have been accepted will have their college transcripts evaluated and applied based on this Transfer Degree Map.
4. Credits for courses in which a passing grade of "C" or higher was earned may be transferred from any accredited college. Developmental or other non-degree credit courses are not transferable.

Application Requirements:

1. Demonstrate proficiency in state mandated general knowledge content through approved means; i.e., Texas Success Initiatives (TSI), with program specific exemptions accepted.
2. Applicants with prior college level coursework must have a minimum cumulative GPA of 2.5; Exceptions based on extenuating circumstances must be approved by the Dean for Math, Science, Information Technology & Bachelor Programs.

If you have questions or need additional information, call (956)-872-7272.

B.A.T. in Computer and Information Technologies

	Course	Credits	Course	STC Core/Degree Equivalent
20	Core Requirement	3	HIST 1301 United States History I or HIST 2327 Mexican-American History I	American History (Core)
21	Major Requirement	4	ITNW 2421 Networking with TCP/IP	Required Technical Support Course (Major)
22	Core Requirement	3	See STC Core Curriculum	Language, Philosophy & Culture (Core)
23	Core Requirement	1	See STC Core Curriculum	Component Area Option (Core)
24	Core Requirement	3	ENGL 1302 Composition II – Rhetoric	Communication (Core)
25	Core Requirement	3	HIST 1302 United States History II or HIST 2328 Mexican-American History II	American History (Core)
26	Core Requirement	3	GOVT 2305 Federal Government	Political Science (Core)
27	Core Requirement	4	See STC Core Curriculum	Life & Physical Science (Core)
28	Major Requirement	3-4	ITSE 1402 Computer Programming or COSC 1320 C Programming or COSC 1436 Programming Fundamentals I	Required Technical Support Course (Major)
29	Core Requirement	3	GOVT 2306 Texas Government	Political Science (Core)

30	Core Requirement	4	See STC Core Curriculum	Life & Physical Science (Core)
31	Major Requirement	3-4	ITSE 1411 Beginning Web Page Programming or COSC 1315 Introduction to Computer Programming	Required Technical Support Course (Major)
32	Major Requirement	4	ITSY 1400 Fundamentals of Information Security	Required Technical Support Course (Major)
33	Major Requirement	3	CITP 3306 Internet/Intranet Server Integration or CITP 3311 Reverse Software Engineering	Major Course
34	Major Requirement	3	CITP 3305 System Analysis and Design	Major Course
35	Major Requirement	3	CITP 3312 Fundamentals of Information Security or CITP 3321 Advanced Database Security and Management	Major Course
36	Major Requirement	3	CITP 3310 Survey of Programming Languages	Major Course
37	Major Requirement	3	CITP 4316 Advanced Web Design or CITP 4346 Cyber Law and Digital Forensics	Major Course
38	Major Requirement	3	CITP 4330 Advanced Network Security	Major Course
39	Major Requirement	3	CITP 4350 Advanced Computer Programming	Major Course
40	Major Requirement	3	CITP 3320 Database Management	Major Course
41	Major Requirement	3	CITP 4301 Capstone: Computer and Information Technology Internship or CITP 4348 Cybersecurity Assessments	Major Course
42	Major Requirement	3	CITP 4340 Special Topics Course – CIT or CITP 4347 Principles of Cybersecurity	Major Course

B.A.T. Computer and Information Technologies Degree Total 131 – 133

