A.A.S. in Network Cloud Support and Cyberdefense

to

B.A.T. in Computer and Information Technologies

Pathway

	A.A.S. in Network Cloud Support and Cyberdefense				
	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 or ITCC 1314**	3	ITNW 1325 Fundamentals of Networking Technologies (**Required for BAT**) **or** ITCC 1314 CCNA 1: Introduction to Networks	ITNW 1445 **or** TRAN XXXX	Required Technical Support Course (Major) **or** Lower-Division Elective
4	**ITNW 1316**	3	ITNW 1316 Network Administration	ITNW 1416	Lower-Division Elective
5	**MATH 1342**	3	MATH 1342 Elementary Statistical Methods	MATH 1342	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	**ITNW 1309**	3	ITNW 1309 Fundamentals of Cloud Computing	TRAN XXXX	Lower-Division Elective
9	**ENGL 1301**	3	ENGL 1301 Composition I	ENGL 1301	Communication (Core)
10	**ITNW 1308**	3	ITNW 1308 Implementing and Supporting Client Operating Systems	TRAN XXXX	Lower-Division Elective
11	**ITNW 1336**	3	ITNW 1336 Cloud Deployment and Infrastructure	TRAN XXXX	Lower-Division Elective
12	**COSC 1315 or ITSE 1329**	3	COSC 1315 Introduction to Computer Programming (**Required for BAT**) **or** ITSE 1329 Programming Logic and Design	COSC 1315 **or** TRAN XXXX	Required Technical Support Course (Major) **or** Lower-Division Elective
13	**ITSC 1415**	4	ITSC 1415 Project Management	TRAN XXXX	Lower-Division Elective
14	**Creative Arts Elective**	3			Creative Arts (Core)
15	**SPCH 1321**	3	SPCH 1321 Business and Professional Communication	SPCH 1321	Component Area Option (Core)
16	**Social & Behavioral Science Elective**	3			Social & Behavioral Science (Core)

17	**ITSW 1307**	3	ITSW 1307 Introduction to Database	TRAN XXXX	Lower-Division Elective
18	**ITNW 1454**	4	ITNW 1454 Implementing and Supporting Servers	ITNW 1454	
19	**ITNW 2427** or **ITNW 2488**	4	ITNW 2427 Advanced Cloud Concepts **or** ITNW 2488 Internship – Computer Systems Networking/Telecommunications		

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**	3	ENGL 1302 Composition II – Rhetoric	Communication (Core)
24	**Core Requirement**	3	HIST 1302 United States History II **or** HIST 2328 Mexican-American History II	American History (Core)
25	**Major Requirement**	4	MATH 1414 College Algebra	Major
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**	4	ITSY 1400 Fundamentals of Information Security	Required Technical Support Course (Major)
32	**Major Requirement**	3	CITP 3306 Internet/Intranet Server Integration **or** CITP 3311 Reverse Software Engineering	Major Course
33	**Major Requirement**	3	CITP 3305 System Analysis and Design	Major Course
34	**Major Requirement**	3	CITP 3312 Fundamentals of Information Security **or** CITP 3321 Advanced Database Security and Management	Major Course
35	**Major Requirement**	3	CITP 3310 Survey of Programming Languages	Major Course
36	**Major Requirement**	3	CITP 4316 Advanced Web Design **or** CITP 4346 Cyber Law and Digital Forensics	Major Course
37	**Major Requirement**	3	CITP 4330 Advanced Network Security	Major Course
38	**Major Requirement**	3	CITP 4350 Advanced Computer Programming	Major Course
39	**Major Requirement**	3	CITP 3320 Database Management	Major Course
40	**Major Requirement**	3	CITP 4301 Capstone: Computer and Information Technology Internship **or** CITP 4348 Cybersecurity Assessments	Major Course
41	**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   127 – 128