A.A.S. in Robotics Technology

to

B.A.T. in Computer and Information Technologies

Pathway

	A.A.S. in Robotics Technology				
	CTC Degree Requirements	**Credits**	**Courses**	**STC Transfer Equivalent**	**STC Core/Degree Equivalent**
1	**MATH 1414**	3	MATH 1414 College Algebra	MATH 1414	Mathematics (Core)
2	**RBTC 1343**	3	RBTC 1343 Robotics	TRAN XXXX	Lower-Division Elective
3	**RBTC 1301**	3	RBTC 1301 Programmable Logic Controllers	RBTC 1401	Lower-Division Elective
4	**COSC 1315**	3	COSC 1315 Introduction to Computer Programming	COSC 1315	Required Technical Support Course (Major)
5	**ENGL 1301**	3	ENGL 1301 Composition I	ENGL 1301	Communication (Core)
6	**RBTC 1305**	3	RBTC 1305 Robotic Fundamentals	RBTC 1405	Lower-Division Elective
7	**RBTC 1351**	3	RBTC 1351 Robotic Mechanics	TRAN XXXX	Lower-Division Elective
8	**MATH 2412**	4	MATH 2412 Pre-Calculus	MATH 2412	Component Area Option (Core)
9	**COSC 1336**	3	COSC 1336 Programming Fundamentals I	COSC 1436	Required Technical Support Course (Major)
10	**RBTC 1347**	3	RBTC 1347 Electro-Mechanical Devices	RBTC 1447	Lower-Division Elective
11	**Creative Arts Elective**	3			Creative Arts (Core)
12	**COSC 1337**	3	COSC 1337 Programming Fundamentals II	COSC 1337	Lower-Division Elective
13	**Social & Behavioral Science Elective**	3			Social & Behavioral Science (Core)
14	**RBTC 1345**	3	RBTC 1345 Robot Interfacing	TRAN XXXX	Lower-Division Elective
15	**PHYS 1401**	4	PHYS 1401 College Physics I	PHYS 1401	Life & Physical Science (Core)
16	**RBTC 1355**	3	RBTC 1355 Sensors	TRAN XXXX	Lower-Division Elective
17	**RBTC 2339**	3	RBTC 2339 Robot Programming and Diagnostics	TRAN XXXX	Lower-Division Elective
18	**RBTC 2345**	3	RBTC 2345 Robot Application, Set-Up, and Training	TRAN XXXX	Lower-Division Elective
19	**RBTC 1391**	3	RBTC 1391 Special Topics in Robotic Technology		

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
18	**Core Requirement**	3	HIST 1301 United States History I **or** HIST 2327 Mexican-American History I	American History (Core)
19	**Major Requirement**	8	ITNW 1425 Fundamentals of Network Technologies **and** ITNW 2421 Networking with TCP/IP **or** CPMT 1449 Computer Networking Technology **and** CPMT 2449 Advanced Networking Technology	Required Technical Support Course (Major)
20	**Core Requirement**	3	See STC Core Curriculum	Language, Philosophy & Culture (Core)
21	**Core Requirement**	3	ENGL 1302 Composition II – Rhetoric	Communication (Core)
22	**Core Requirement**	3	HIST 1302 United States History II **or** HIST 2328 Mexican-American History II	American History (Core)
23	**Core Requirement**	3	GOVT 2305 Federal Government	Political Science (Core)
24	**Core Requirement**	4	See STC Core Curriculum	Life & Physical Science (Core)
25	**Core Requirement**	3	GOVT 2306 Texas Government	Political Science (Core)
26	**Major Requirement**	4	ITSY 1400 Fundamentals of Information Security	Required Technical Support Course (Major)
27	**Major Requirement**	3	CITP 3306 Internet/Intranet Server Integration **or**	Major Course

			CITP 3311 Reverse Software Engineering	
28	**Major Requirement**	3	CITP 3305 System Analysis and Design	Major Course
29	**Major Requirement**	3	CITP 3312 Fundamentals of Information Security **or** CITP 3321 Advanced Database Security and Management	Major Course
30	**Major Requirement**	3	CITP 3310 Survey of Programming Languages	Major Course
31	**Major Requirement**	3	CITP 4316 Advanced Web Design **or** CITP 4346 Cyber Law and Digital Forensics	Major Course
32	**Major Requirement**	3	CITP 4330 Advanced Network Security	Major Course
33	**Major Requirement**	3	CITP 4350 Advanced Computer Programming	Major Course
34	**Major Requirement**	3	CITP 3320 Database Management	Major Course
35	**Major Requirement**	3	CITP 4301 Capstone: Computer and Information Technology Internship **or** CITP 4348 Cybersecurity Assessments	Major Course
36	**Major Requirement**	3	CITP 4340 Special Topics Course – CIT **or** CITP 4347 Principles of Cybersecurity	Major Course

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