A.A.S. in Computer-Aided Drafting and Design

to

B.A.T. in Computer and Information Technologies

Pathway

	A.A.S. in Computer-Aided Drafting and Design				
	CTC Degree Requirements	**Credits**	**Courses**	**STC Transfer Equivalent**	**STC Core/Degree Equivalent**
1	**DFTG 1405**	4	DFTG 1405 Technical Drafting	TRAN XXXX	Lower-Division Elective
2	**DFTG 2412**	4	DTFG 2412 Technical Illustration and Presentation	TRAN XXXX	Lower-Division Elective
3	**DFTG 1409**	4	DFTG 1409 Basic Computer-Aided Drafting	DFTG 1409	Lower-Division Elective
4	**MATH 1414**	4	MATH 1414 College Algebra (**Required for BAT**)	MATH 1414	Mathematics (Core)
5	**DFTG 2317**	3	DFTG 2317 Descriptive Geometry	TRAN XXXX	Lower-Division Elective
6	**DFTG 2402**	4	DFTG 2402 Machine Drafting	TRAN XXXX	Lower-Division Elective
7	**DFTG 2440**	4	DFTG 2440 Solid Modeling/Design	TRAN XXXX	Lower-Division Elective
8	**ENGL 1301**	3	ENGL 1301 Composition I	ENGL 1301	Communication (Core)
9	**DFTG 1417**	4	DFTG 1417 Architectural Drafting – Residential	TRAN XXXX	Lower-Division Elective
10	**DFTG 1358**	3	DFTG 1358 Electrical/Electronics Drafting	TRAN XXXX	Lower-Division Elective
11	**DFTG 1491**	4	DFTG 1491 Special Topics in Drafting and Design Technology		

12	**Humanities/Fine Arts Elective**	3			Language, Philosophy & Culture or Creative Arts (Core)
13	**DFTG 2323**	3	DFTG 2323 Pipe Drafting		
14	**DFTG 2421**	4	DFTG 2421 Topographical Drafting		
15	**DFTG 2438**	4	DFTG 2438 Final Project – Advanced Drafting	DFTG 2438	
16	**Social & Behavioral Science Elective**	3			Social & Behavioral Science (Core)
17	**Speech Elective**	3	SPCH 1315 Public Speaking **or** SPCH 1321 Business and Professional Communication	SPCH 1315 **or** SPCH 1321	Component Area Option (Core)

A.A.S. Computer-Aided Drafting and Design 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
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	ENGL 1302 Composition II – Rhetoric	Communication (Core)
21	**Core Requirement**	3	HIST 1302 United States History II **or** HIST 2328 Mexican-American History II	American History (Core)
22	**Core Requirement**	3	GOVT 2305 Federal Government	Political Science (Core)
23	**Core Requirement**	4	See [STC Core Curriculum](#)	Life & Physical Science (Core)
24	**Core Requirement**	3	See [STC Core Curriculum](#)	Language, Philosophy & Culture or Creative Arts
25	**Major Requirement**	3-4	ITSE 1402 Computer Programming **or** COSC 1320 C Programming **or** COSC 1436 Programming Fundamentals I	Required Technical Support Course (Major)
26	**Core Requirement**	3	GOVT 2306 Texas Government	Political Science (Core)

27	**Core Requirement**	4	See STC Core Curriculum	Life & Physical Science (Core)
28	**Major Requirement**	3-4	ITSE 1411 Beginning Web Page Programming **or** COSC 1315 Introduction to Computer Programming	Required Technical Support Course (Major)
29	**Major Requirement**	4	ITSY 1400 Fundamentals of Information Security	Required Technical Support Course (Major)
30	**Major Requirement**	3	CITP 3306 Internet/Intranet Server Integration **or** CITP 3311 Reverse Software Engineering	Major Course
31	**Major Requirement**	3	CITP 3305 System Analysis and Design	Major Course
32	**Major Requirement**	3	CITP 3312 Fundamentals of Information Security **or** CITP 3321 Advanced Database Security and Management	Major Course
33	**Major Requirement**	3	CITP 3310 Survey of Programming Languages	Major Course
34	**Major Requirement**	3	CITP 4316 Advanced Web Design **or** CITP 4346 Cyber Law and Digital Forensics	Major Course
35	**Major Requirement**	3	CITP 4330 Advanced Network Security	Major Course
36	**Major Requirement**	3	CITP 4350 Advanced Computer Programming	Major Course
37	**Major Requirement**	3	CITP 3320 Database Management	Major Course
38	**Major Requirement**	3	CITP 4301 Capstone: Computer and Information Technology Internship **or** CITP 4348 Cybersecurity Assessments	Major Course
39	**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   134 – 136