SOUTHERN WESLEYAN UNIVERSITY

TRIDENT TECHNICAL COLLEGE COMPUTER TECHNOLOGY—COMPUTER PROGRAMMING CAREER PATH TO SOUTHERN WESLEYAN UNIVERSITY APPLIED COMPUTER SCIENCE TRANSFER GUIDE
TTC 2012-2013 CATALOG YEAR

AAS IN COMPUTER TECHNOLOGY RECOMMENDED TTC COURSES

EQUIVALENT SWU COURSE[4] TRADITIONAL PROGRAM

First Semester

COURSE	COURSE TITLE	CREDITS	COURSE	COURSE TITLE	CREDITS
CPT 102	Basic Computer Skills	3	Does Not Transfer unless combined with CPT 101		0
CPT 172	Microcomputer Database	3	Transferrable Supplemental Course		3
CPT 232	C++ Programming I[1]	3	CPSC 1903	Introduction to Computer Science Programming	3
ENG 101	English Composition I	3	ENGL 1003	Freshman English I	3
MAT 109 **or** MAT 110 **or** MAT 120	College Algebra with Modeling College Algebra Probability and Statistics	3	MATH 1023 MATH 1023 STAT 3123	Algebra Algebra Statistics for Accounting and Business	3
	Total:	**15**			

Second Semester

COURSE	COURSE TITLE	CREDITS	COURSE	COURSE TITLE	CREDITS
ACC 101	Accounting Principles I	3	ACCT 2003	Principles of Accounting I	3
CPT 220	e-Commerce	3	MGMT 2003	e-Commerce I	3
CPT 233	C++ Programming II[1]	3	CPSC 1903	Introduction to Computer Science Programming	3
CPT 242	Database[2]	3	CPSC 3003	Database Design & Implementation I	3
CPT 257	Operating Systems	3	CPSC 3354	Operating Systems and Servers	3
	Total:	**15**			

Third Semester

COURSE	COURSE TITLE	CREDITS	COURSE	COURSE TITLE	CREDITS
BUS 101	Introduction to Business	3	MGMT 1003	Introduction to Business	3
CPT 236	Introduction to Java Programming	3	Transferrable Supplemental Course		3
IST 220	Data Communications	3	CPSC 2503	Networking I	3
IST 239	Datum and JavaScript	3	CPSC 2293	Web Page Design and Programming	3
	Total:	**12**			

Fourth Semester

COURSE	COURSE TITLE	CREDITS	COURSE	COURSE TITLE	CREDITS
CPT 212	Visual Basic Programming	3	CPSC 2253	Object-Oriented Programming I	3
CPT 239 **or** CPT 283	Active Server Pages PHP Programming I	3	----------------- CPSC 4303	Transferrable Supplemental Course Advanced Scripting and Common Language Interfaces	3
CPT 270	Advanced Microcomputer Applications	3	CPSC 2103	Advanced Software	3
IST 272	Relational Database[2]	3	CPSC 3003	Database Design & Implementation I	3
MGT 270	Managerial Communication	3	BUSI 2093	Business Communications	3
	Total:	**15**			

Fifth Semester

COURSE	COURSE TITLE	CREDITS	COURSE	COURSE TITLE	CREDITS
CPT 244	Data Structures	3	CPSC 2453	Special Topics I	3
CPT 264	Systems and Procedures	3	Transferrable Supplemental Course		3
CPT 288 **or** IST 235	Computer Game Development Handheld Computer Programming	3	Transferrable Supplemental Course		3
ECO 210	Macroeconomics	3	ECON 2063	Macroeconomics	3
REQ HUM	Required Humanities Course[3]	3	Transferrable General Education Course		3
	Total:	**15**			**69**
	Degree TOTAL:	**72**		**Total Transferrable to SWU:**	**66**

[1]If CPT 232 and 233 are both taken at TCC, one course will transfer in as CPSC 1903 and the other will count as elective credit.
[2]If CPT 242 and IST 272 are both taken at TTC, one course will transfer in as CPSC 3003 and the other will count as elective credit.
[3]To meet SWU general education requirement recommended to take one history (any HIS course) or one fine arts course (any ART course, MUS 105, or THE 101).
[4]Note that TTC courses must be completed with a grade of C- or better to transfer.

Note that a maximum of 68 credits from 2-year colleges will count toward a baccalaureate degree at Southern Wesleyan University.
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ADDITIONAL SWU COURSES REQUIRED FOR
BS IN APPLIED COMPUTER SCIENCE

Additional General Education Requirements

COURSE	COURSE TITLE	CREDITS
HIST 1063	Survey of World Civilization[5]	3
ASTH 2053	Aesthetics[6]	3
BIBL 1013	Old Testament Survey	3
BIBL 1023	New Testament Survey	3
CPSC 1103	Introduction to Computers and Information Processing	3
ENGL 1013	Freshman English II	3
ENGL 2103	Speech Communication	3
BIOL 1104	Biology for Non-Majors	4
MATH 2054	Calculus I	4
RELG 2403	Basic Christian Beliefs	3
SEMR 2551	Personal Wholeness II	1
SEMR 3551	Personal Wholeness III	1
SEMR 4551	Personal Wholeness IV	1
	Sub-Total:	**35**

Additional Core Requirements

COURSE	COURSE TITLE	CREDITS
CPSC 1003	Fundamentals of Programming	3
CPSC 2303	Hardware & Software Configuration	3
CPSC 3103	Systems Analysis & Design	3
CPSC 3153	Theory of Computing	3
CPSC 4202	Senior Capstone	3
CPSC 4453	Special Topics II	3
CPSC 4523	Advanced Web Site Design	3
	Sub-Total:	**21**
	TOTAL (TTC courses plus SWU courses):	**122**
	Required for SWU Graduation:	**120**

[5]Met if TTC Humanities requirement includes any HIS course.
[6]Met if TTC Humanities requirement includes any ART course, MUS 105, or THE 101.

Southern Wesleyan University offers options for completing your bachelor's degree in a flexible format that seeks to integrate academic excellence and Christian faith. Programs through the traditional campus offer flexibility and options. The adult evening programs offered in both Central and Charleston permit working adults to complete the program in a timely manner through attending class one night per week year-round. For more information or to apply visit www.swu.edu or contact SWU's admissions office toll free at 877-644-5556.

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