AIKEN TECHNICAL COLLEGE MAJOR IN COMPUTER TECHNOLOGY: PROGRAMMING EMPHASIS
TO SWU APPLIED COMPUTER SCIENCE TRANSFER GUIDE
ATC 2014-2015 CATALOG YEAR

AAS IN COMPUTER TECHNOLOGY: PROGRAMMING EMPHASIS RECOMMENDED ATC COURSES			EQUIVALENT SWU COURSE[6] TRADITIONAL OR ADULT PROGRAM		
COURSE	**COURSE TITLE**	**CREDITS**	**COURSE**	**COURSE TITLE**	**CREDITS**
SPC 205	Public Speaking[1]	3	ENGL 2103	Speech Communication	3
	Required Humanities/Fine Arts Course[2]	3		Transferrable General Education Course	3
ENG 101	English Composition I[1]	3	ENGL 1003	Freshman English I	3
MAT 102 **or** MAT 110	Intermediate Algebra College Algebra	3	MATH 1023	Algebra	3
	Required Social/Behavioral Science Course	3		Transferrable General Education Course	3
CPT 101	Introduction to Computers[3]	3	CPSC 1103	Intro to Computers	3
CPT 162	Introduction to Web Page Design[4]	3	CPSC 1203	Intro to the Internet, Online Research, and Web-site Design	3
CPT 168	Programming Logic & Design	3		Transferrable Supplemental Course	3
CPT 209	Computer Systems Management	3	CPSC 2303	Hardware and Software Configuration and Support	3
CPT 212	Visual Basic Programming	3	CPSC 2253	Object-Oriented Programming I	3
CPT 238	Internet Scripting	3	CPSC 2293	Web Page Design & Programming	3
CPT 239	Active Server Pages	3		Transferrable Supplemental Course	3
CPT 242	Database	3	CPSC 3003	Database Design & Implementation I	3
CPT 257	Operating Systems	3	CPSC 3354	Operating Systems and Servers	3
IST 201	Cisco Internetworking Concepts	3	CPSC 2503	Networking I	3
IST 261 **or** CPT 265	Advanced Network Management Advanced Systems & Procedures	3		Transferrable Supplemental Course	3
CPT 232	C++ Programming I[5]	3	CPSC 1903	Introduction to Programming	3
CPT 233	C++ Programming II[5]	3	CPSC 1903	Introduction to Programming	3
CPT 240	Internet Programming with Databases	3		Transferrable Supplemental Course	3
CPT 252	Digital Animation	3		Does not Transfer	0
CPT 284	Action Script Programming I	3		Does not Transfer	0
IST 238	Adv. Tools for Website Design[4]	3	CPSC 1203	Intro to the Internet, Online Research, and Web-site Design	3
	Total	**66**		**Total transferrable to SWU**	**60**

[1] Preferred Course if transferring to SWU (meets general education requirement).
[2] To meet SWU general education requirement recommended to take any history or one fine arts course (MUS 105, ART 101, 105, 107 or 108 or THE 101).
[3] Course must have been taken within the past five years in order to transfer to SWU.
[4] If CPT 162 and IST 238 are both taken one course will transfer in as CPSC 1203 and the other as elective credit.
[5] If CPT 232 and CPT 233 are both taken one course will transfer in as CPSC 1903 and the other as elective credit.
[6] Note that ATC courses must be completed with a grade of C- or better in order to transfer.

Note that a maximum of 68 credits from 2-year colleges will count toward a baccalaureate degree at Southern Wesleyan University.

Updated 9/25/2014

ADDITIONAL SWU COURSES REQUIRED FOR
BS IN APPLIED COMPUTER SCIENCE

Additional General Education Requirements

COURSE	COURSE TITLE	CREDITS
HIST 1063	Survey of World Civilization[7]	3
ASTH 2053	Aesthetics[8]	3
BIBL 1013	Old Testament Survey	3
BIBL 1023	New Testament Survey	3
ENGL 1013	Freshman English II	3
MATH 2504	Calculus I	4
	Natural Science Lab Course	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:	**29**

Additional Major Course Requirements

COURSE	COURSE TITLE	CREDITS
CPSC 1003	Fundamentals of Programming	3
CPSC 2453	Special Topics I	3
CPSC 3103	Systems Analysis & Design	3
CPSC 3153	Theory of Computing	3
CPSC 4202	Senior Capstone	3
CPSC 4303	Advanced Scripting	3
CPSC 4453	Special Topics II	3
CPSC 4523	Advanced Web Site Design	3
Six Additional Hours in CPSC courses above CPSC 1103		6
	Sub-Total:	**33**
	TOTAL (ATC courses plus SWU courses):	**122**
	Required for SWU Graduation:	**120**

[7] Met if ATC Humanities requirement includes any HIS course.
[8] Met if ATC 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 North Augusta 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.