Computer Science Engineering, A.S.

This plan of study was developed as a guideline for students who plan to transfer to an Alabama public four-year institution and pursue a degree in Civil Engineering. Students who plan to transfer to an out-of-state or private institution should consult that institution and plan their program of study in consultation with engineering faculty advisors and/or counselors. Some courses in this program are not available at all College locations. **Upon completion of courses listed below, the transcript will reflect either an AA or AS degree without reference to the specific program of study.**

*** ENGINEERING EXCEPTIONS:** For all engineering majors, the AGSC voted to allow the hour requirements in Area II to be reduced from 12 SH to 9 SH and in Area IV to be reduced from 12 SH to 9 SH. This reduction allowed for additional hours (6 semester hours) to be added to Area V for engineering majors so that required math and science courses could be taken prior to transfer that would meet national engineering accreditation standards (ABET). The ACCS has adopted this exception. Engineering students may take 9 hours in Area II, 9 hours in Area IV, and 25 to 29 hours in Area V.

NOTES:

* Must complete a 6-semester-hour sequence in Literature or History.

* For Humanities, Social/Behavioral Sciences, and Area V Electives: Some 4-year institutions require a specific course or courses in the indicated areas. Check the Alabama Transfers Guide and Area V page of your intended transfer institution for additional guidance. Transfer credits may not exceed 50% of those required for the 4-year degree.

* ORI 101 or 105, CIS 146: Courses are not included in the Alabama Transfers Guide but are applicable toward the associate degree.

* 12 semester hours in Areas II and IV are required for the associate degree.

Program: Computer Information Science
Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	English Composition I	3
ENG 102	English Composition II	3

Area II: Humanities and Fine Arts

Selecting SPH 106 or 107 will meet associate degree requirement.

Item #	Title	Credits
	Literature	Elective Credits 3 -Elective Max Credits 6
	Fine Arts	Elective Credits 3
	Humanities	Elective Credits 0 -Elective Max Credits 3

Area III: Natural Sciences and Mathematics

Item #	Title	Credits
PHY 213	General Physics I – Calculus Based	4
PHY 214	General Physics II - Calculus Based	4
MTH 125	Calculus I	4

Area IV: History, Social and Behavioral Sciences

Must complete a 6-semester-hour sequence in Literature or History.

Item #	Title	Credits
	History	Elective Credits 3 -Elective Max Credits 6
	ANT 200 or ECO 231 or ECO 232 or POL 211 or PSY 200 or PSY 210 or SOC 200	Elective Credits 3

Area V: Pre-Professional, Pre-Major, and Elective Courses

Item #	Title	Credits	
	ORI 101 OR ORI 105	Elective Credits 1 -Elective Max Credits 3	
CIS 146	Computer Applications	3	
	Electives as Determined by Transfer Institution (Computer Science Engineering)	Elective Credits 21 -Elective Max Credits 23	
	Total credits:	**Total Credits**	**61-65**