

# Computer Science Associate in Science

**Program Objective**

The objective of the Computer Science Associate in Science is to prepare students for transfer to a bachelor degree granting institution to major in computer science or information systems.

**Requirements for Graduation**

1. Sixty-two designated semester credit hours.
2. Grade of "C" or better required in all Major Field Requirement courses.
3. Grade Point Average of 2.0 or better.
4. Fifteen semester credit hours in attendance at SSC.
5. Completion of Graduate Exit Survey.

**Please Note:** Consult with advisor for specific transfer requirements. General Education and Major Field requirements vary between universities.

**For Information Contact:**

Science, Technology, Engineering, and Mathematics Division (405) 382-9266

**General Education Requirements ..... 41**

GOV 1113	American National Government ..... 3
HIST 1483	American History to 1877 <b>or</b>
HIST 1493	American History since 1877..... 3
ENG 1113	Composition I ..... 3
ENG 1213	Composition II ..... 3
SPCH 1143	Speech..... 3
HUM	Any class designated as Humanities ..... 6
MATH	College Algebra ..... 3
SCIENCE	One Life Science with lab <b>and</b>
	One Physical Science with lab ..... 8
CAP 1103	Introduction to Microsoft Office ..... 3
HPER 1012	Wellness and Human Development <b>or</b>
	Two HPER Activity Courses ..... 2
SOC 1101	Freshman Seminar (or SOC 1003)..... 1
ELECTIVE	Select from Psychology, Social Sciences, World Languages, and Fine Arts..... 3

**Major Field Requirements ..... 15**

CAP 2603	Advanced Microsoft Access
CS 1113	Programming in Visual Basic
CS 1183	Information Security
CS 1313	Programming in Java
CS 2013	Programming in C++

**Major Field Electives and Support..... 6**

*Select from the following:*

ACCT 2003	Financial Accounting
CAP 1003	Elementary Computer Literacy
CAP 2643	Advanced Microsoft Excel
BA 2113	Macroeconomics
BA 2253	Business Statistics
CS 1173	Hardware System Support
CS 2003	Webpage Design Using HTML
CS 2173	Operating Systems
CS 2301-3	Special Projects in Computer Science
ENGR 1113	Introduction to Engineering
MATH 1613	Plane Trigonometry
MATH 2215	Calculus and Analytic Geometry I
MATH 2424	Calculus and Analytic Geometry II
MATH 2434	Calculus and Analytic Geometry III

**MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE ..... 62**

**Suggested Sequence of Major Field Courses**

<u>First Semester</u>	<u>Second Semester</u>	<u>Third Semester</u>	<u>Fourth Semester</u>
CS 1113	CS 1313 CS 1183	CS 2013 CS 2173	CAP 2603 CS 2003