

COMPUTER PROGRAMMING AND ANALYSIS (2011)

ASSOCIATE IN SCIENCE DEGREE

This program prepares graduates for entry-level work as business applications programmers or analysts. Graduates possess knowledge of general computer concepts and data processing fundamentals and skills in programming, accounting, and systems analysis and design. The practical applications skills in business programming enable graduates to pursue careers in business programming, systems analysis, or management.

The Computer Programming and Analysis can be completed on campus or online. This degree articulates into the Bachelor of Applied Science in Information Systems Technology degree.

For additional information, visit our website at SJRstate.edu/computer or send an email to BCCInfo@SJRstate.edu.

GENERAL EDUCATION COURSES:

+	ENC	1101	Composition I.....	3
+	*	_____	General Education Core Humanities	3
*	_____	_____	General Education Core Mathematics	3
*	_____	_____	General Education Core Natural Science	3

Choose one of the following Social Science courses:

AMH	2010	United States History to 1877	3
OR			
AMH	2020	United States History Since 1877	3
OR			
POS	1041	United States Federal Government.....	3

DEGREE SPECIFIC COURSES:

	CGS	1060	Introduction to Computer Concepts.....	3
+	CET	1178C	Computer Hardware Support Essentials	3
+	CET	2179C	Computer Software Support Essentials.....	3
	CGS	1100	Microcomputer Applications Software.....	3
	CGS	1540	Database Fundamentals	3
+	CIS	2321	Information Systems	3
+	CNT	1001	Introduction to Networking	3
+	COP	1000	Introduction to Computer Programming	3
+	COP	2551	Introduction to Object Oriented Programming with Java I	3
+	COP	2220	Programming in C	3
+	COP	2224	Programming in C++.....	3
+	COP	2360	Programming in C#.....	3
+	COP	2657	Introduction to Mobile App Programming.....	3
+	COP	2830	Web Programming Languages.....	3
+	CTS	1387	Introduction to Linux.....	3

REQUIRED TOTAL CREDIT HOURS

60

* Refer to A.S. degree general education core requirements on page 80.

+ Qualifying placement score or prerequisite course may be required. See course descriptions in catalog.