Computer Information Systems, A.S.

[CIS.AS; CIP Code 11.0101]

Associate in Science (A.S.) – Transfer

The transfer program in Computer Information Systems (CIS) provides a strong foundation in both business studies and information systems. The concepts of information systems and the hands-on experience gained in the design, development and implementation of business applications provides this foundation. Students will be prepared to transfer to a four-year college, begin a career working in the information systems field or apply their knowledge in programming, web development and/or computer technology in an organization.

Program Learning Outcomes

Students who have completed the program will be able to:

- Demonstrate basic knowledge of information systems principles and the fundamental skills of business, programming and application software in a business computing environment
- Communicate effectively and professionally with a broad range of audiences
- Analyze a problem, critically investigate and define computing requirements appropriate to its solution
- Demonstrate knowledge of programming processes including planning, writing, testing, executing and debugging
- Demonstrate knowledge of web and database design, development and management in a business information environment.

Are you ready to get started at RCSJ? Visit *RCSJ.edu/Enroll* and complete the interest form.

FIRST YEAR - Fall Semester

☐	EN 101 English Composition I	3
☐	MA 205 Statistics I	3
☐	CS 113 Introduction to Computers	4
☐	CS 156 Web Development - HTML/CSS	4
		14

Spring Semester

☐	EN 102 English Composition II	3
☐	CS 114 Fundamentals of Programming	4
☐	CS 119 Spreadsheets - EXCEL	4
☐	CS 157 Advanced Web Development	3
		14

SECOND YEAR - Spring Semester

☐	EC 201 Principles of Economics I	3
☐	CS 211 Relational Databases	4
☐	CS 256 Web Programming	3
☐	Humanities Elective	3
☐	Business Elective*	3-4
		16-17

Spring Semester

☐	EC 202 Principles of Economics II	3
☐	CS 207 Management Information Systems	3
☐	CS 264 Database Application Development	3
☐	Program Elective**	3
☐	Lab Science Elective	4
		16

TOTAL MINIMUM CREDITS: 60

Business Electives*

AC 103 Accounting I	4
BU 109 Business Law I	3
AC 207 Accounting Information Systems	3
BU 207 Principles of Marketing	3
BU 216 Social Media Marketing and Web Analytics	3
BU 106 Principles of Management	3

Program Electives**

CS 242 Principles of Information Security	3
CS 224 IT Help Desk/Technical Support	3
IC 211 Internship Career Connections	3