



DIVISION OF BUSINESS

# COMPUTER INFORMATION TECHNOLOGY/ COMPUTER SYSTEMS

ASSOCIATE OF SCIENCE DEGREE

This curriculum is designed to prepare students for employment in computer applications with emphasis in programming language C++, Java, or Python.

To acquire the **Associate of Science Degree in Computer Information Technology: Computer Systems**, students must complete the required major courses below with a grade of "C" or better along with one of the following:

- o RHC GE and Proficiency requirements
- o CSU GE (California State University General Education Breadth)
- o IGETC (Intersegmental General Education Transfer Curriculum)

Required Courses		Units	N	IP	C
<b>CIT 101</b>	Introduction to Computer Information Technology	<b>3</b>			
<b>CIT 111</b>	Introduction to Programming	<b>3</b>			
<b>CIT 119</b>	Microsoft® Access®	<b>3</b>			
<b>CIT 200</b>	*Systems Analysis and Design	<b>3</b>			
<b>Choose one area of specialization below:</b>					
<b>C++ Programming Option</b>					
<b>CIT 125</b>	Introduction to C++ Programming	<b>4</b>			
<b>CIT 126</b>	*Advanced C++ Programming	<b>4</b>			
<b>Java Programming Option</b>					
<b>CIT 135</b>	Introduction to Java Programming	<b>4</b>			
<b>CIT 136</b>	*Advanced Java Programming	<b>4</b>			
<b>Python Programming Option</b>					
<b>CIT 127</b>	*Python Programming I	<b>3</b>			
<b>CIT 128</b>	*Python Programming II	<b>3</b>			
<b>Total major units needed for the Associate of Science</b>		<b>18-20</b>			
*Prerequisite/Corequisite					

NOTE: Students interested in transferring as Computer Information Technology majors should consult with a counselor for appropriate general education & major preparation counseling.