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:

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

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Units</th>
<th>N</th>
<th>IP</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101 Introduction to Computer Information Technology</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIT 111 Introduction to Programming</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIT 119 Microsoft® Access®</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIT 200 *Systems Analysis and Design</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Choose one area of specialization below:**

**C++ Programming Option**

- CIT 125 Introduction to C++ Programming                | 4     |   |    |         |
- CIT 126 *Advanced C++ Programming                      | 4     |   |    |         |

**Java Programming Option**

- CIT 135 Introduction to Java Programming               | 4     |   |    |         |
- CIT 136 *Advanced Java Programming                     | 4     |   |    |         |

**Python Programming Option**

- CIT 127 *Python Programming I                          | 3     |   |    |         |
- CIT 128 *Python Programming II                         | 3     |   |    |         |

**Total major units needed for the Associate of Science** | 18-20 |

*Prerequisite/Corequisite

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