

DIVISION OF ARTS, BUSINESS, & CULTURAL PROGRAMS

# COMPUTER INFORMATION TECHNOLOGY/ CYBERSECURITY

ASSOCIATE OF SCIENCE DEGREE

The following curriculum meets the requirement for an Associate of Science Degree in Computer Information Technology/Cybersecurity. The courses needed for the degree are designed for those wishing to pursue a career in Computer Information Technology with emphasis in Cybersecurity. To acquire the **Associate of Science Degree in Computer Information Technology/Cybersecurity**, students must complete the required major courses below with a grade of "C" or better or of "P" if the course was taken on a Pass/No Pass basis, along with either of the following: Rio Hondo College General Education (RHC GE) or California General Education Transfer Curriculum (Cal-GETC). California State University General Education - Breadth (CSU GE) or Intersegmental General Education Transfer Curriculum (IGETC) may be used in some cases; please see a counselor for details.

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

Required Courses		Units	N	IP	C
<b>Required Courses:</b>					
<b>CIT 101</b>	Introduction to Computer Information Technology	<b>3</b>			
<b>CIT 180</b>	*PC Maintenance - A+ Certification	<b>4</b>			
<b>CIT 221</b>	*Ethical Hacking	<b>3</b>			
<b>Select one course from the following:</b>					
<b>CIT 171</b>	*Network +	<b>3</b>			
<b>CIT 210</b>	*Cisco Networking I	<b>3</b>			
<b>Select one course from the following:</b>					
<b>CIT 125</b>	Introduction to C++ Programming	<b>3</b>			
<b>CIT 127</b>	*Python Programming I	<b>3</b>			
<b>CIT 135</b>	Introduction to Java Programming	<b>4</b>			
<b>Select two courses from the following:</b>					
<b>CIT 170</b>	*Server +	<b>3</b>			
<b>CIT 192</b>	*Security +	<b>3</b>			
<b>CIT 200</b>	*Systems Analysis and Design	<b>3</b>			
<b>CIT 214</b>	*Cisco Networking II	<b>3</b>			
<b>MGMT 208</b>	*Business Communications	<b>3</b>			
<b>Select one course from the following</b>					
<b>PSY 190</b>	*Statistics for the Behavioral Sciences	<b>4</b>			
<b>STAT C1000/H</b>	*Introduction to Statistics/*Honors	<b>4</b>			
<b>MATH 170</b>	*Elements of Calculus	<b>4</b>			
<b>MATH 190/H</b>	*Calculus I/*Honors	<b>4</b>			
<b>Total major units needed for the Associate of Science</b>		<b>26-27</b>			
Units Completed					
*Prerequisite/Corequisite					