

DIVISION OF ARTS, BUSINESS, & CULTURAL PROGRAMS

# COMPUTER INFORMATION TECHNOLOGY/ INFORMATION SYSTEMS AND TECHNOLOGY

ASSOCIATE OF SCIENCE DEGREE

The following curriculum meets the requirement for a Degree in Computer Information Technology/ Information Systems and Technology. The courses needed for the degree are designed for those wishing to pursue a career in cybersecurity.

To acquire the **Associate of Science Degree in Computer Information Technology/Information Systems and Technology**, 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>Required Courses</b>				
<b>MATH 130/H</b> *Statistics/Honors	<b>4</b>			
<b>CIT 101</b> Introduction to Computer Information Technology	<b>3</b>			
<b>CIT 111</b> Introduction to Programming	<b>3</b>			
<b>CIT 192</b> *Security +	<b>3</b>			
<b>CIT 200</b> *Systems Analysis & Design	<b>3</b>			
<b>CIT 210</b> *Cisco Networking I	<b>3</b>			
<b>BUSL 110</b> Legal Environment of Business	<b>3</b>			
<b>Select one course from the following:</b>				
<b>MATH 160</b> *College Algebra	<b>4</b>			
<b>MATH 170</b> *Elements of Calculus	<b>4</b>			
<b>MATH 180</b> *Pre-Calculus	<b>4</b>			
<b>MATH 190/H</b> *Calculus I/Honors	<b>4</b>			
<b>Choose one option from the following:</b>				
<b>Cybersecurity Option</b>				
<b>ACCT 101/H</b> Financial Accounting/*Honors	<b>4</b>			
<b>ACCT 102/H</b> *Managerial Accounting/*Honors	<b>4</b>			
<b>Communications Option</b>				
<b>CIT 214</b> *Cisco Networking II	<b>3</b>			
<b>MGMT 208</b> *Business Communications	<b>3</b>			
<b>Total major units needed for the Associate of Science</b>	<b>32-34</b>			
Units Completed				
*Prerequisite/Corequisite				

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