



DIVISION OF BUSINESS
**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 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 |
|--|--------------|---|----|---|
| Required Courses: | | | | |
| CIT 101 Introduction to Computer Information Technology | 3 | | | |
| CIT 180 *PC Maintenance - A+ Certification | 4 | | | |
| CIT 221 *Ethical Hacking | 3 | | | |
| Select one course from the following: | | | | |
| CIT 171 *Network + | 3 | | | |
| CIT 210 *Cisco Networking I | 3 | | | |
| Select one course from the following: | | | | |
| CIT 125 Introduction to C++ Programming | 3 | | | |
| CIT 127 *Python Programming I | 3 | | | |
| CIT 135 Introduction to Java Programming | 4 | | | |
| Select two courses from the following: | | | | |
| CIT 170 *Server + | 3 | | | |
| CIT 192 *Security + | 3 | | | |
| CIT 200 *Systems Analysis and Design | 3 | | | |
| CIT 214 *Cisco Networking II | 3 | | | |
| MGMT 208 *Business Communications | 3 | | | |
| Select one course from the following | | | | |
| PSY 190 *Statistics for the Behavioral Sciences | 4 | | | |
| MATH 130/H *Statistics/*Honors | 4 | | | |
| MATH 170 *Elements of Calculus | 4 | | | |
| MATH 190/H *Calculus I/*Honors | 4 | | | |
| | | | | |
| Total major units needed for the Associate of Science | 26-27 | | | |
| 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.