

# Computer Systems and Security Specialist A.A.S.

Degree Code: COM-2221

Minimum GPA: 2.0

Minimum Hours: 65

Name: \_\_\_\_\_ ID: \_\_\_\_\_ Date: \_\_\_\_\_

The computer information systems degree includes study in the major areas of programming, logic, analysis and design, computer operations, operating systems, database, data communications and advanced computer application packages. The curriculum will give the student a thorough background in computers, business education, and general education, which is required to compete in today's business, industry, and government job environments. The student will be trained through classroom experience, "hands-on" computer operations, and practical applications.

*This 2+2 program will transfer into the Information Management Systems program at SIU-C.*

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|--|---|--------------------|---|
|  | 3 | BUS 225            | Business Communication                                    |
|  | 3 | BUS 210            | Principles of Management                                  |
|  | 4 | COM 111            | Business Computer Systems                                 |
|  | 2 | COM 133            | Linux Operating Systems & Network                         |
|  | 3 | COM 189            | Networking Technologies                                   |
|  | 2 | COM 196            | Computer Systems Internship                               |
|  | 1 | COM 201            | Windows Operating Systems                                 |
|  | 3 | COM 218            | Security + Certification                                  |
|  | 3 | COM 222            | Computer Logic  |
|  | 3 | COM 225            | Systems Analysis  |
|  | 3 | COM 227            | Database Management Systems                               |
|  | 3 | COM 231            | C-Programming   |
|  | 3 | COM 239            | JAVA Programming  |
|  | 3 | COM 241            | Windows Server Networking                                 |
|  | 3 | COM 244            | A+ Certification  |
|  | 3 | COM 246            | Introduction to Cybersecurity                             |
|  | 2 | COM 265            | Command Prompt-Windows                                    |
|  | 2 | COM 281            | Microsoft Excel   |
|  | 3 | ECO 211 or ECO 212 | Economics (Macro) or Economics (Micro)                    |
|  | 3 | ENG 111            | English Composition I                                     |
|  | 4 | MAT 110 or MAT 210 | General Education Mathematics or General Elementary Stats |
|  | 3 | PSY 211            | Introduction to Psychology                                |
|  | 3 | SPC 111            | Speech  |

## Possible Career Opportunities

Systems Analyst, Programmer Analyst, Business Systems Analyst, Computer Systems Analyst, Computer Systems Consultant,  
Computer Analyst, Information Systems Analyst (ISA), Applications Analyst, Business Analyst, Systems Engineer

O\*NET Links: [www.onetonline.org](http://www.onetonline.org)

SOC Codes: 15-1121.00

I have received a copy and agree to follow this degree audit:

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_ Date \_\_\_\_\_