

# Information Technology – Systems Security (A25590SS)

## Associate in Applied Science Degree

### Full-Time Program Guide

**Program Notes:**

- The Information Technology: Systems Security associate degree requires Work-Based Learning (WBL). For WBL courses, students must complete an intake form with their advisor.
- Credit for prior learning may be available for some courses.

**Program Options:** Information Technology - Systems Security at PCC offers an associate degree (A25590SS), diploma (D25590SS), and certificate (C25590SS).

**Financial Aid Eligibility:** Yes

| Course #                | Course Name                        | Credit Hrs.  | Term Offered | Term Completed | Grade |
|-------------------------|------------------------------------|--------------|--------------|----------------|-------|
| <b>Fall Semester</b>    |                                    |              |              |                |       |
| ACA 122                 | College Transfer Success           | 1            | F, S, SU     |                |       |
| CIS 110                 | Intro to Computers                 | 3            | F, S, SU     |                |       |
| CTI 110                 | Web, Pgm, DB Foundation            | 3            | F            |                |       |
| CTI 120                 | Network & Security Foundation      | 3            | F            |                |       |
| ENG 111                 | Writing and Inquiry                | 3            | F, S, SU     |                |       |
| CCT 110                 | Introduction to Cyber Crime        | 3            | F            |                |       |
| <b>Semester Totals:</b> |                                    | <b>16</b>    |              |                |       |
| <b>Spring Semester</b>  |                                    |              |              |                |       |
| DBA 120                 | Database Programming I             | 3            | S            |                |       |
| XXX                     | Mathematics Elective               | 3-4          | See list     |                |       |
| XXX                     | Social/Behavioral Science Elective | 3            | See          |                |       |
| CIS 115                 | Intro to Prog & Logic              | 3            | S            |                |       |
| SEC 150                 | Secure Communications              | 3            | S            |                |       |
| NET 110                 | Networking Concepts                | 3            | F, S         |                |       |
| <b>Semester Totals:</b> |                                    | <b>18-19</b> |              |                |       |
| <b>Fall Semester</b>    |                                    |              |              |                |       |
| CTS 120                 | Hardware/Software Support          | 3            | F, S         |                |       |
| SEC 110                 | Security Concepts                  | 3            | F, S         |                |       |
| CTS 115                 | Info System Business Concepts      | 3            | F            |                |       |
| NOS 110                 | Operating Systems Concepts         | 3            | F            |                |       |
| XXX                     | Communications Elective            | 3            | See list     |                |       |
| SEC 160                 | Security Administration I          | 3            | F            |                |       |
| <b>Semester Totals:</b> |                                    | <b>18</b>    |              |                |       |

| <b>Spring Semester</b>  |                               |              |          |
|-------------------------|-------------------------------|--------------|----------|
| <b>CTS 240</b>          | Project Management            | 3            | S        |
| <b>CTS 210</b>          | Computer Ethics               | 3            | S        |
| <b>XXX</b>              | Humanities/Fine Arts Elective | 3            | See list |
| <b>SEC 175</b>          | Perimeter Defense             | 3            | S        |
| <b>CTI 141</b>          | Cloud and Storage Concepts    | 3            | S        |
| <b>WBL 111</b>          | Work-Based Learning I         | 1            | F, S, SU |
| <b>Semester Totals:</b> |                               | <b>16</b>    |          |
| <b>Program Totals:</b>  |                               | <b>68-69</b> |          |

| <b>Course #</b>                       | <b>Course Name</b>    | <b>Credit Hrs.</b> | <b>Term Offered</b> |
|---------------------------------------|-----------------------|--------------------|---------------------|
| <b>Mathematics Elective: Choose 1</b> |                       |                    |                     |
| MAT 143                               | Quantitative Literacy | 3                  | F, S, SU            |
| MAT 152                               | Statistical Methods   | 4                  | F, S, SU            |
| MAT 171                               | Pre-Calc Algebra      | 4                  | F, S, SU            |

| <b>Course #</b>                                     | <b>Course Name</b>        | <b>Credit Hrs.</b> | <b>Term Offered</b> |
|---|---------------------------|--------------------|---------------------|
| <b>Social/Behavioral Science Elective: Choose 1</b> |                           |                    |                     |
| ECO 251   | Prin. of Microeconomics   | 3                  | F, S, SU            |
| ECO 252   | Prin. of Macroeconomics   | 3                  | F, S, SU            |
| PSY 150   | General Psychology        | 3                  | F, S, SU            |
| SOC 210   | Introduction to Sociology | 3                  | F, S, SU            |

| <b>Course #</b>                          | <b>Course Name</b>           | <b>Credit Hrs.</b> | <b>Term Offered</b> |
|--|------------------------------|--------------------|---------------------|
| <b>Communications Elective: Choose 1</b> |                              |                    |                     |
| COM 120                                  | Intro to Interpersonal Comm. | 3                  | F, S                |
| COM 231                                  | Public Speaking              | 3                  | F, S, SU            |

| <b>Course #</b>                                | <b>Course Name</b>   | <b>Credit Hrs.</b> | <b>Term Offered</b> |
|--|----------------------|--------------------|---------------------|
| <b>Humanities/Fine Arts Elective: Choose 1</b> |                      |                    |                     |
| ART 111  | Art Appreciation     | 3                  | F, S, SU            |
| HUM 110  | Technology & Society | 3                  | F                   |
| HUM 115  | Critical Thinking    | 3                  | F, S, SU            |
| MUS 110  | Music Appreciation   | 3                  | F, S                |