

## Systems Security & Analysis - 25C JCSE

| Course ID   | Course Title  | Hours Required | Hours Earned   |                |                |                |
|---|---|----------------|----------------|----------------|----------------|----------------|
|   |   |                | Skill Level 10 | Skill Level 20 | Skill Level 30 | Skill Level 40 |
| <b>General Education Courses (16 Hours Required)</b>                    |   |                |                |                |                |                |
| <i>Choose one from:</i><br>ACA 120<br>or<br>ACA 122                     | Career Assessment<br>or<br>College Transfer Success   | 1              |                |                |                |                |
| <i>Choose one from:</i><br>COM 120<br>or<br>COM 231                     | Interpersonal Communication<br>or<br>Public Speaking  | 3              |                |                |                |                |
| <i>Choose one from:</i><br>ENG 110<br>or<br>ENG 111                     | Freshman Composition<br>or<br>Writing and Inquiry     | 3              |                |                |                |                |
| HUM 110   | Technology and Society                                | 3              |                |                |                |                |
| <i>Choose one from:</i><br>MAT 143<br>or<br>MAT 171                     | Quantitative Literacy<br>or<br>Precalculus Algebra    | 3 or 4         |                |                |                |                |
| <i>Choose one from:</i><br>PSY 150<br>or<br>SOC 210                     | General Psychology<br>or<br>Introduction to Sociology | 3              |                |                |                |                |
| <b>Total Hours Required/Earned</b>                                      |   | <b>16</b>      | <b>0</b>       | <b>0</b>       | <b>0</b>       | <b>0</b>       |
| <b>Systems Security &amp; Analysis Core Courses (45 Hours Required)</b> |   |                |                |                |                |                |
| CTI 110   | Web, Pgm, I DB Foundation                             | 3              |                |                |                |                |
| CTI 120   | Network & Sec Foundation                              | 3              |                |                |                |                |
| CTS 115   | Info Sys Business Concepts                            | 3              |                |                |                |                |
| NET 125*  | Introduction to Networks                              | 3              |                |                |                |                |
| NET 126*  | Routing Basics  | 3              |                |                |                |                |
| NOS 110****   | Operating Systems Concepts                            | 3              | 3              | 3              | 3              | 3              |
| NOS 120   | Linux/Unix Single User                                | 3              |                |                |                |                |
| NOS 130   | Windows Single Users                                  | 3              |                |                |                |                |
| NOS 220   | Linus/Unix Admin I                                    | 3              |                |                |                |                |
| SEC 110***  | Security Concepts                                     | 3              |                |                |                |                |
| SEC 150   | Secure Communications                                 | 3              |                |                |                |                |
| SEC 160   | Security Administration I                             | 3              |                |                |                |                |
| SEC 175   | Perimeter Defense                                     | 3              |                |                |                |                |
| SEC 210   | Intrusion Detection                                   | 3              |                |                |                |                |
| SEC 285   | Systems Security Project                              | 3              |                |                |                |                |

|  |           |             |             |             |             |
|--|-----------|-------------|-------------|-------------|-------------|
| <b>Total Hours Required/Earned</b>   | <b>45</b> | <b>3</b>    | <b>3</b>    | <b>3</b>    | <b>3</b>    |
| <b>Major Elective Courses (5 Hours Required)</b>   |           |             |             |             |             |
| <i>Take five (5) credits from the following courses. No more than two (2) credits from the WBL prefix. From courses CSC 121, NOS 125, SEC 151, SEC 251, WBL 110, WBL 111, WBL 112, WBL 113, WBL 121, or WBL 122.</i> |           |             |             |             |             |
|  |           |             |             |             |             |
|  |           |             |             |             |             |
| <b>Total Hours Required/Earned</b>   | <b>5</b>  | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    |
| <b>Total Required for Degree/Earned</b>  |           |             |             |             |             |
| <b>Total Required for Degree/Earned</b>  | <b>66</b> | <b>63/3</b> | <b>63/3</b> | <b>63/3</b> | <b>63/3</b> |

**SOROC Course/Certification Equivalent**

ICD1/CCENT \*

ICD2/CCNA \*\*

CompTIA Sec + \*\*\*

CompTIA A+ \*\*\*\*

This degree map is based on the assumption that the appropriate professional development schools and leadership schools for each skill level have been completed i.e. SSD, BLC, ALC, SLC.

66 Total Hours Required. 49.5 Hours can be satisfied with ACE credit and Prior Learning Assessment (PLA) credit provided by FTCC internal evaluation and qualified transfer credit. 16.5 Hours or 25% of the degree must be taken through FTCC.