# Network Operations & Systems Security
**Associate of Applied Science-T (AAS-T) Degree**- **Program Map** 2023-2024

CLOVER PARK
TECHNICAL COLLEGE

4500 Steilacoom Blvd SW,
Lakewood, WA 98499  253.589.5800

| Student Name: (First, Last): | | Student EMPL #: | | Date: | |
|---|---|---|---|---|---|
| **Total Units**: 102 | **Total Cost**: www.cptc.edu/feelists | **Target Start Date:** | **Target Grad. Date:** | **Staff Initials:** | |

## Important Information For Educational Planning

- **Program Starts:** Fall, Winter, Spring, Summer
- **Program class times:  Mon-Fri 8am-3:30pm**. All NOSS are hybrid (a combination of face-to-face and online learning). The exact schedule of NOSS courses will vary by term, General Education course times may vary.
- Prior to completion of first term, students must provide documentation of a background check with the WA State Patrol.
- **Transferring Courses, or Seeking Credit for Prior Learning go to:** www.cptc.edu/transfer-to  **Email Contact** evaluator@cptc.edu
- **This Degree could lead to the Bachelor of Applied Science in Cybersecurity (BAS-C)  here at CPTC.**

| Program Courses | | Units | Status | Total Term Units |
|---|---|---|---|---|
| **Term 1** | NOS 100 IT Fundamentals I       *(Co-requisite NOS 105)* | 4 | | |
| | NOS 105$^{CL}$ Fundamentals II       *(Co-requisite NOS 100)* | 4 | | |
| | NOS 110 Cyber Security Fundamentals | 4 | | |
| | **COLL 102 College Success for All** | 3 | | |
| | **ENGL& 101 English Composition I** | 5 | | **20** |
| **Term 2** | NOS 115 Introduction to Networking | 4 | | |
| | NOS 120 Desktop Support I       *(Co-requisite NOS 125)* | 4 | | |
| | NOS 125 Desktop Support II       *(Co-requisite NOS 120)* | 4 | | |
| | NOS 130 Server OS Installation and Configuration | 4 | | |
| | **PSYC& 100$^{DIV}$ General Psychology *or* SOC& 101 Intro to Sociology** | 5 | | **21** |
| **Term 3** | NOS 135 Scripting for Network Admins | 4 | | |
| | NOS 140 Linux I | 4 | | |
| | NOS 145 Administering Windows Server OS      *(Pre-requisite:  NOS 130)* | 4 | | |
| | **MATH& 146 Introduction to Statistics *(recommended)*,**  *-or-,*  MATH& 107 Math in Society,  or MATH& 141 Pre-calculus, or other Transfer Math | 5 | | **17** |
| **Term 4** | NOS 150 Virtualization and Cloud Technologies *(Pre-requisite: NOS 100 **or** equivalent)* | 4 | | |
| | NOS 155 Advanced Linux                      *(Pre-requisite: NOS 140 **or** equivalent)* | 4 | | |
| | NOS 161 Offensive Server Security            *(Pre-requisite: NOS 140)* | 4 | | |
| | **General Education course from the following Disciplines: Social Science, Science, or Humanities (Choose from the following:** ART& 100, ASL& 121, BIOL& 160, BIOL& 175, BIOL& 241, BIOL& 242 BIOL& 260, CHEM& 110, CHEM& 121, CHEM& 131, CMST& 220, GEOL& 110, HUM& 101, MUSC& 105, PHYS& 114, POLS& 202, PSYC& 100, PSYC& 200, PSYC& 220,  or SOC& 101 | 5 | | **17** |
| **Term 5** | NOS 200 Windows Server Identity Services | 4 | | |
| | NOS 205 Implementing Systems Security        *(Pre-requisite: NOS 105 **or** equivalent)* | 4 | | |
| | NOS 210 Digital Forensics and Investigations | 4 | | **12** |
| **Term 6** | NOS 215 Switch and Route Essentials     *(Co-requisite: NOS 220, Pre-requisite: NOS 115)* | 5 | | |
| | NOS 220 Enterprise Networking          *(Co-requisite: NOS 215)* | 4 | | |
| | NOS 225$^{CAP}$ Internship I   *(Pre-requisite: NOS 200)* | 3 | | |
| | NOS 240 Internship II   *(Pre-requisite: NOS 200)* | 3 | | **15** |

*Status Key: **X**=Completed course, **TR**= Transferred course, **IP**= In Progress    **Note:** Unit=Credit*

Revised 7/11/23

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| Math | Student Placement |
|---|---|
| Adult Basic Education (ABE Math) contact Transitional Studies Dept.  Bldg. 10 (253) 589-5702 | ☐ |
| MATH& 146/MATSI 146 Intro. To Statistics   w/ supplemental Instruction (8 Units) | ☐ |
| **Stand Alone:** MATH& 146 Intro. To Statistics (5 Units) | ☐ |

| English | Student Placement |
|---|---|
| Adult Basic Education (ABE English) contact Transitional Studies Dept.  Bldg. 10 (253) 589-5702 | ☐ |
| ENGL& 101/ENSI 101 English Composition   w/ supplemental Instruction      (8 Units) | ☐ |
| **Stand Alone (choose one):** ENGL& 101 English Composition    (5 Units) | ☐ |

| Individualized Program Map | | | |
|---|---|---|---|
| | | | |
| Class: | Class: | Class: | Class: |
| Class: | Class: | Class: | Class: |
| Class: | Class: | Class: | Class: |
| Class: | Class: | Class: | Class: |
| | | | |
| Class: | Class: | Class: | Class: |
| Class: | Class: | Class: | Class: |
| Class: | Class: | Class: | Class: |
| Class: | Class: | Class: | Class: |

**Program Instructor:**  Don Souza      **email:** don.souza@cptc.edu

**Program Counselor:**  Annemarie Solbrack    **email:** annemarie.solbrack@cptc.edu

**Transferring Course Work into CPTC:** www.cptc.edu/transfer-to    **Email Contact** evaluator@cptc.edu

**Graduation Application:** www.cptc.edu/enrollment-services >Transcripts & Graduation >Degree/Certificate Application.   Graduation Ceremony Information (Commencement) > Graduation Info

**Career Outlook sites:** www.onetonline.org    www.worksourcewa.com

**Notes:**

*\*Please check in periodically with Advising and Counseling regarding any potential changes to program course requirements*