# Student Name (First, Last):       Staff Initials:       Date:

# Bachelor of Applied Science in Cybersecurity

BAS-C

**Admissions Date:** Fall, Winter, Spring and Summer

**Instructor Email: jeffrey.turner@cptc.edu** **Program Counselor Email:** **Annemarie.Solbrack@cptc.edu**

See college website for complete application requirements: <https://www.cptc.edu/programs/bascyber>

**Graduation Requirements**: Students must earn a minimum grade of 2.0 in all coursework to successfully complete the degree.

|  |  |  |  |
| --- | --- | --- | --- |
| Pre-requisites required prior to Admission to the BASC program |  |  |  |
| Applied Associate degree, Associate of Applied Science –T (AAS-T) , Direct Transfer Associate Degree (DTA) or equivalent (90 or more quarter credits) with a **minimum overall GPA of 2.3** |  |  |       |
|  |  |  |  |

**Once Admitted the following must be documented before the student can move on to the Junior Year of the program:**

|  |  |
| --- | --- |
| 4 Quarter Credits each of: |  |
| **Networking**        | **Cybersecurity** **Fundamentals**        | **Linux**       | **Windows Server**       | **Scripting or** **Programing**       |
| NOS 115 Intro to Networking, or equivalent experience | NOS 110 Cybersecurity Fundamentals, or equivalent experience | NOS 140 Intro to Linux, or equivalent experience | NOS 200 Windows Server Identity Services, or equivalent experience | NOS 135 Scripting for Network Administrators, or equivalent experience |

**General Education Distribution Requirements (from the Associate Degree and BASC)**

|  |  |  |
| --- | --- | --- |
| **Discipline** | **Lower Division** | **Upper Division General Education Courses** |
| 15 Credits Communication |  **ENGL& 101 (5cr):**      **ENGL& 235 Tech Writing (5cr):**       | **ENG 310 Business Communications (5cr):** *(Pre-requisite: ENGL& 101)*        |
| 5 Credits Quantitative | **MATH& 146 Statistics (5cr):**       |  |
| 10 Credits Humanities | **College level Humanities (5cr):**        | **PHIL 310 Professional Ethics (5cr):**  *(Pre-requisite: ENGL& 101)*        |
| 10 Credits Social Science | **SOC& 101 or PSYC& 100 or other transferrable Social Science (5cr):**       |  **PSYC 311 Ind. and Org Psychology (5cr):**       |
| 10 Credits Natural Science (5 cr. must be with a lab) | **Science w/Lab (5cr):**       |  |
| **Science (5cr):**       |  |
| 10 Additional General Education Credits | **Any 100 level** **Humanities, Social Sciences or Natural Sciences (5cr):**       | **BUS 310 Project Management** **(5cr):**         |

|  |
| --- |
| **Natural Science:** Any transferable/common course numbered 100+ level *(Astronomy, Biology, Chemistry, Physics, Geology, Nutrition, Math)*  |
|  |  |  |  |
| **BASC Program Courses** |
| **Quarter 1 - Fall/Winter/ Spring/Summer** | **Credits** |  |  |
| NOS 310 Cyber Threat and Research  | 5 |  |       |
| NOS 315 Risk Assessment and Vulnerability Management | 5 |  |       |
| **General Education Course: See list** | 5 |  |       |
| *BAS-C Requirements continue on page 2* |
|  |
| *BAS-C Requirements continued from page 1* |
|  |
| **Quarter 2 , 3, or 4 Offered on a rotating basis** (Fall 2021, Sum 2022) | **Credits** |  |  |
| NOS 320 Securing Database Management Systems | 5 |  |       |
| NOS 325 Cloud Security | 5 |  |       |
| **General Education Course: See list** | 5 |  |       |
| **Quarter 2 , 3, or 4 Offered on a rotating basis** (Spring 2021, Winter 2022, Fall 2022) | **Credits** |  |  |
| NOS 330 Vulnerability Assessment | 5 |  |       |
| NOS 335 Network Intrusion Detection | 5 |  |       |
| **General Education Course: See list** | 5 |  |       |
| **Quarter 2 , 3, or 4 Offered on a rotating basis** (Summer 2021, Spring 2022) | **Credits** |  |  |
| NOS 340 Penetration Testing | 5 |  |       |
| NOS 345 Incident Response | 5 |  |       |
| **General Education Course: See list** | 5 |  |       |
| **Quarter 5 - Fall/ Winter/Spring/Summer** | **Credits** |  |  |
| NOS Applied Project Course Elective (***Select one from the three listed below****)*NOS 411 Incident Response Project -orNOS 412 Penetration Testing Project -orNOS 413 Network Intrusion Analysis Project | 5 |  |       |
| **General Education Course: See list** | 5 |  |       |
| **General Education Course: See list** | 5 |  |       |
| **Quarter 6 - Fall/ Winter/Spring/Summer** | **Credits** |  |  |
| NOS 420 Capstone Project | 5 |  |       |
| **General Education Course: See list** | 5 |  |       |
| **General Education Course: See list** | 5 |  |       |
| *Total Upper Level General Education Courses* | *20* |  |  |
| *Total Lower Level General Education Courses (In addition to the 20 from Associate Degree)*  | *20* |  |  |
| *Total Upper Level NOS BASC Program Courses* | *50* |  |  |
| ***Total Credits for BASC Degree Completion***  |  ***90\**** |  |  |
|  |  |  |  |
| Quarterly Self Planning Grid |
| **Quarter 1** | **Quarter 2** | **Quarter 3** | **Quarter 4** |
|  |  |  |  |
| Class:       | Class:       | Class:       | Class:       |
| Class:       | Class:       | Class:       | Class:       |
| Class:       | Class:       | Class:       | Class:       |
| **Quarter 5** | **Quarter 6** | **Quarter 7** | **Quarter 8** |
|  |  |  |  |
| Class:       | Class:       | Class:       | Class:       |
| Class:       | Class:       | Class:            | Class:       |
| Class:            | Class:       | Class:       | Class:       |
| Notes:       |

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