# 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**](mailto: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.

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| 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:**

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| --- | --- | --- | --- | --- | --- |
| 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 -or  NOS 412 Penetration Testing Project -or  NOS 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***