

## Associate of Applied Science in Cybersecurity to Bachelor of Science in Information Technology

The following is presented as an articulation agreement between Black Hawk College (BHC) and Governors State University (GSU) for the Information Technology degree program based on the current catalogs of both schools. The student would receive an Associate of Applied Science (AAS) degree in Cybersecurity from BHC and a Bachelor of Science (BS) degree in Information Technology from GSU. Information Technology is a face to face program offered at GSU campus in University Park, Illinois.

### I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (15-16 Hours)

#### Communications (9 hours)

- ENGL 101 - English I (3) (Meets ENGL 1000)
- ENGL 102 - English II (3) (Meets ENGL 1010)
- SPEC 101 - Principles of Speech Communication (Meets COMM-1000)

#### Humanities and Fine Arts (0 hours)

#### Mathematics (3 hours)\*

#### Physical and Life Sciences (3-4 hours)\*

Choose an IAI Physical or Life Science (3-4)

#### Social and Behavioral Sciences (0 hours)

### II. TECHNICAL COURSES/ELECTIVES (45-46 Hours)

- ITS 112 - Operating Systems (3) **(Meets CPSC-4335)**
- ITS 116 - Computer Hardware (3)
- ITS 125 - IT Professional Skills (1)
- ITS 212 - Linux Shell Programming (3)
- CIP 214 - C Programming (3) **(Meets CPSC-2100)**
- NETW 125 - Introduction to Networks (4) **(Meets CPSC-4342)**
- NETW 145 - Switching, Routing & Wireless (4)
- NETW 167 - PowerShell (3)
- NETW 170 - Intro to Information Security (3) **(Meets CPSC-4580)**
- NETW 215 - Windows Server (3) **(Meets CPSC-4570)**
- NETW 274 - Ethical Hacking/Security + Prep (3)
- NETW 280 - CISCO CCNA Security (3)
- NETW 290 - IT Internship (3)

Technical Electives (6) Choose from NETW 265 Enterprise Net. Sec. / Automation (4); ITS 118 Computer Troubleshooting (3); or ITS 216 Advanced PC Hardware / A + Prep (3) **(ITS 216 Meets IT-3110)**

### REQUIRED A.A.S. DEGREE PROGRAM AND GENERAL EDUCATION TOTAL: 60-62 Hours

- Please see the Illinois Articulation Initiative requirements for general education.

# Transfer Guide



## III. TO BE TAKEN AT BHC OR GSU (18-19 hours)

Fine Arts Course (3)\*

Humanities Course (3)\*

Life or Physical Science Course (based on what taken previously) (3-4)\*

Social and Behavioral Science Course (9)\*

\* Refer to the IAI website for a list of course choices in Section III.

## IV. TO BE TAKEN AT GSU (42-54 Hours)

### Humanities or Fine Arts Course at the 3000/4000 level (3)\*\*

#### Core Courses (9 Hours)

IT 3099 - Junior IT Seminar (3)

IT 3310 - IT Project Management (3)

IT 4810 - IT Senior Projects and Seminars (3)

#### General Selectives (3-15 Hours)

*Select from the following courses: [May vary based on courses completed at Blackhawk in Section II]*

CPSC 4570 - Windows Systems (3) **(Met by NETW 215)**

CPSC 4335 - Operating Systems (3) **(Met by ITS 112)**

CPSC 4580 - Information Security (3) **(Met by NETW 170)**

IT 3110 - Fundamentals of IT (3) **(Met by ITS-216)**

IT 3210 - Introduction to Scripting Languages (3)

IT 3520 - Cisco CCNA I (3)

IT 3521 - Cisco CCNA II (3)

IT 4210 - Wireless Networking and Security (3)

#### Concentration Courses (27 Hours)

The following courses must be taken at the upper-division level. Students must take 27 credit hours of concentration courses from the following.

Students may also take courses in different concentrations.

A. *Operating Systems*

B. *Information Security*

C. *Network Infrastructure*

D. *Ethical Hacking*

E. *Digital Forensics*

F. *Virtualization and Cloud Computing*

### Minimum Required for BS in Information Technology: 120 Hours

\* Please see the Illinois Articulation Initiative requirements for general education.

\*\*Please see the GSU General Education list for an upper division Humanities or Fine Arts.

#### For Additional Information:

**Governors State University**

**(708) 534-4490**

[Transfer to GSU](http://govst.transfer.degree) at <http://govst.transfer.degree>

**Black Hawk College**

[Visit Black Hawk College at](http://www.bhc.edu)

[www.bhc.edu](http://www.bhc.edu)

GSU Transfer Guide 01/20/2022

