

## Associate of Applied Science in Information Technology/Networking to Bachelor of Science in Information Technology

This is an articulation agreement between Prairie State College (PSC) and Governors State University (GovState) for the Information Technology degree based upon the current catalogs of both schools. Students would receive an Associate in Applied Science (AAS) Degree in Information Technology Networking Option from PSC and a Bachelor of Science (BS) Degree in Information Technology from GovState.

### I. TRANSFERRABLE GENERAL EDUCATION (15-16 Hours)

#### Area A: Communications (6 hours)

- ENG 101 - Composition I (3)
- COMM 101 - Principles of Communication (3)

#### Area B: Humanities and Fine Arts (3 hours)

- Humanities/Fine Arts Course (3)\*

#### Area C: Mathematics (3 hours)

- IAI Mathematics course (3)\* *[See your PSC IT Coordinator for approval to take the above math options in place of the IT 106 AAS math requirement.]*

#### Area D: Physical and Life Sciences (3-4 hours)

- Life or Physical Science Course (3)\*

### II. AREA OF CONCENTRATION/MAJOR FIELD (35 Hours)

- BUS 101 - Introduction to Business (3)
- IT 101 - IT Orientation (1)
- IT 140 - Introduction to Operating Systems (3)
- IT 201 - Systems Design and Development (3)
- IT 205 - Ethics in Information Technology (2)
- IT 240 - Introduction to Linux Operating Systems (3)
- IT 295 or ITNET 299 - Portfolio Seminar or Internship (2)
- ITAPP 101 [BUS 902]- Introduction to Computers (3) (Meets CPSC 2005)
- ITCYB 103 - Introduction to Cybersecurity (2)
- ITNET 160 - Computer Repair (4) (Meets IT 3110)
- ITNET 165 - Introduction to Networking (3) (Meets CPSC 4342)
- ITNET 250 - Introduction to LAN Administration (3) (Meets CPSC 4570)
- ITNET 260 - Network Security Fundamentals (3) (Meets CPSC 4580)

### III. ELECTIVES (10 Hours)

- ITNET 235 - CCNA LAN Design (3) (Meets IT 3520)
- ITPRG 158 - Python Programming (3) (Meets IT 3210)
- Select an additional 4 hours from approved list of courses in PSC catalog.

### REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 60 Hours

\* Refer to the PSC AAS guidelines for a list of course choices in Section I and III.

**Students are strongly encouraged to complete up to 80 hours at PSC by taking additional course from Section IV.**

## IV. TO BE TAKEN AT PSC OR GovState (22 Hours)

- Composition II Course (3) (PSC ENG 102 or GovState ENGL 1010)
  - Fine Arts Course (3)\*
  - Humanities Course (3)\*
  - Life Science or Physical Science Course with Lab [based on course completed at PSC] (4)\*
  - Social and Behavioral Science Courses from two separate disciplines (9)\*
- \* Refer to the PSC or GovState catalog for a list of course choices in Section IV.

## V. TO BE TAKEN AT GovState (40 Hours)

### 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 (0-3 Hours)

15 required hours will be met by completing courses in Section II in addition to 3 hours by completing ITPRG 158 in Section 3 or one from below:

- CPSC 4205 - Computer Organization (3)
- CPSC 4335 - Operating Systems (3)
- IT 3210 - Introduction to Scripting Languages (0-3)
- 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*

### Upper Division Electives (1-4 hour)

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

(122 hours as written to satisfy AAS, General Education and BS requirements.)

#### For Additional Information:

Governors State University  
Jaguar Transfer Evaluator at  
<https://govst.transfer.degree/>

Visit the College of Arts and Sciences at  
[www.govst.edu/cas](http://www.govst.edu/cas)

Prairie State College  
Visit Prairie State College at  
[www.prairiestate.edu](http://www.prairiestate.edu)

Sarah Hein, LPC  
Transfer Counseling  
(708) 709-3508  
[shein@prairiestate.edu](mailto:shein@prairiestate.edu)

GovState Transfer Guide 7/28/2024