

Associate of Applied Science in Information Technology Programming 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 Programming 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 (34 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 295 or ITPRG 299 - Portfolio Seminar or Internship (2)
- ITAPP 101 [BUS 902]- Introduction to Computers (3) (Meets CPSC 2005)
- ITCYB 103 - Introduction to Cybersecurity (2)
- ITPRG 103 - Intro to Programming Logic (3)
- ITPRG 144 - C++ Programming I (3)
- ITPRG 147 - Java Programming I (3)
- ITPRG 244 - C++ Programming II (3)
- ITPRG 247 - Java Programming II (3)

III. ELECTIVES (10-11 Hours)

- ITPRG 158 - Python Programming (3) (Meets IT 3210)
- Select an additional 7 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 (48-51 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 (12-15 Hours)

If completed ITPRG 158 in Section 3, select 12 hours if not then select 15 hours:

- CPSC 4205 - Computer Organization (3)
- CPSC 4335 - Operating Systems (3)
- CPSC 4570 - Windows Systems (3)
- CPSC 4580 - Information Security (3)
- IT-3110 - Fundamentals of Info Technology (3)
- IT 3210 - Introduction to Scripting Languages (0-3)
- IT 3521 - 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

(130-133 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

Prairie State College
Visit Prairie State College at
www.prairiestate.edu

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