Associate of Applied Science in Information Technology – Cyber Defense Option to
Bachelor of Science in Information Technology

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

I.   TRANSFERRABLE GENERAL EDUCATION CORE CURRICULUM (15 Hours)
   Area A: Communications (6 hours)
   ENG 101   - Composition I (3)
   COMM 101   - Principles of Communication (3)
   **Must have a "C" or better in ENG 101 & 102 to receive credit for the degree.

   Area B: Humanities and Fine Arts (3 hours)
    Humanities/Fine Arts Course (3)*

   Area C: Mathematics (3 hours)
   IAI Mathematics course or College Algebra (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 hours)
   Physical or Life Science Course (3)*

   Area E: Social and Behavioral Sciences (0 hours)

II.   AAS MAJOR REQUIREMENTS (45 Hours)
   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   - Linux Operating Systems (3)
   IT 253   - Linux System Administration (3)
   ITCYB 103   - Introduction to Cybersecurity (2)
   ITCYB 143   - Scripting and Security (3) (Meets IT 3210)
   ITCYB 153   - Digital Forensics (3)
   ITCYB 203   - Advanced Network Defense (3)
   ITCYB 273   - Cybersecurity Operations (4)
   ITNET 165   - Introduction to Networking (3) (Meets CPSC 4342)
   ITNET 175   - Introduction to Networking II (3)
   ITNET 250   - Introduction to LAN Administration (3) (Meets CPSC 4570)
   ITNET 260   - Network Security Fundamentals (3) (Meets CPSC 4580)
   ITNET 280   - Ethical Hacking (3)

   REQUIRED FOR A PSC AA DEGREE: 60 Hours
   *Refer to the PSC AA/AS guidelines for a list of course choices in Section I.
   Students are strongly encouraged to complete up to 80 hours at PSC by taking additional course from Section IV.

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III. **TO BE TAKEN AT PSC or GSU (22 Hours)**
Composition II Course (3) (PSC ENG 102 or GSU ENGL 1010)
Fine Arts Course (3)*
Humanities Course (3)*
Life or Physical Science Course with Lab (4)* [based off of course completed as part of AAS]
Social and Behavioral Science courses from at least two different disciplines (9)*

Refer to PSC or GSU Catalog for a list of course choices in Section III.

IV. **TO BE TAKEN AT GSU (42 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)	

[CPSC 2005 - Introduction to Computer Technology (3) Waived due to AAS in IT field.]

General Selectives (6 Hours)
15 required hours will be met my completing courses recommended in Section II in addition to 6 hours of courses selected below.

CPSC 4205	- Computer Organization (3)	
CPSC 4335	- Operating Systems (3)	
IT 3110	- Fundamentals of Information Technology (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
(124 hours as written to satisfy AAS, GenEd and BS requirements.)

For Additional Information:

Governors State University	**Prairie State College**
Office of Admission	**Counseling and Advising Office**
(708) 534-4490	**(708) 709-3508**
TransferGuide@govst.edu	**Sarah Hein, LPC**
Visit the College of Arts and Sciences	**Email Sarah Hein at**
at www.govst.edu/cas	**shein@prairiestate.edu**
	Visit Prairie State College at
	www.prairiestate.edu

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