

Transfer Guide

Associate of Applied Science in Cyber Security to Bachelor of Science in Information Technology

The following is presented as an articulation agreement between John A Logan College (JALC) 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 from JALC and a Bachelor of Science (BS) degree in Information Technology from GSU.

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

Communications (6 hours)

- ENG 101 - English Composition I (3)
- SPE 115 - Speech (3)

Humanities and Fine Arts (3 hours)

- PHL 121 - Introduction to Logic (3)

Mathematics (3 hours)

- MAT 113 - Contemporary Math (3)

Physical and Life Sciences (0 hours)

Social and Behavioral Sciences (3 hours)

- Social and Behavioral Science Course (3)*

II. AREA OF CONCENTRATION/MAJOR FIELD (43 Hours)

- CIS 101 - Introduction to Computers (3) (Meets CPSC 2005)
- CIS 170 - CISCO I (5) (Meets IT 3520; program selective)
- CIS 200 - Network Essentials (3) (Meets CPSC 4342)
- CIS 206 - Managing Network Environment I (3)
- CIS 208 - Security Awareness (3) (Meets CPSC 4580; program selective)
- CIS 213 - Penetration Testing (3)
- CIS 216 - Cloud Technology (3)
- CIS 219 - Ethical Hacking (3)
- CIS 230 - Operating Systems (3) (Meets CPSC 4570; program selective)
- CIS 231 - Firewalls and VPNs (3)
- CIS 270 - CISCO II (4) (Meets IT 3521; program selective)
- CPS 176 - Intro to Computer Programming (4)
- ELT 214 - A+ Preparation IT Technician (3)

III. ELECTIVES (6 Hours)

- Track I or Track II Electives (6) [See catalog for options.]

REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 64 Hours

* Refer to the JALC IAI GECC guidelines for a list of course choices for Section I.

Note: GSU will accept 80 hours from JALC by taking additional general education courses from Section IV.



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IV. TO BE TAKEN AT JALC OR GSU (16-17 Hours)

Composition II Course (3) (JALC ENG 102 or GSU COMS 1010)

IAI Approved Fine Arts Course (3)*

IAI Approved Life Science Course (3-4)* [either life or physical science course must have a lab]

IAI Approved Physical Science Course (3-4)* [either life or physical science course must have a lab]

IAI Approved Social and Behavioral Science Course (3)*

**Refer to JALC or GSU catalogs for a list of course choices for Section IV.*

V. TO BE TAKEN AT GSU (45 Hours)

Additional General Education (6 Hours)

Upper Division Fine Arts or Humanities Course (3)*

Upper Division Social and Behavioral Science Course (3)*

**Refer to GSU catalog for a list of course choices for Section V.*

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 Hours)

Students should choose from courses course list in catalog to meet the required hours. Please see advisor to select courses. [Met by courses completed at JALC]

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

(122-123 hours as written to satisfy AAS, General Education and Bachelor requirements.)

For Additional Information:

Governors State University

Office of Admission

(708) 534-4490

TransferGuide@govst.edu

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

John A Logan College

Mark Rogers

Business, Computer Science and Mathematics Division

[Email Mark Rogers at markrogers@jalc.edu](mailto:markrogers@jalc.edu)

markrogers@jalc.edu

618.985.2828 Ext. 8679

Tom McGinnis

Coordinator of Transfer Programs

[Email Tom McGinnis at tommcginnis@jalc.edu](mailto:tommcginnis@jalc.edu)

tommcginnis@jalc.edu

618.985.2828 Ext. 8697

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