

## **Associate of Applied Science in Information Technology - Networking to Bachelor of Science in Information Technology**

The following is presented as an articulation agreement between Joliet Junior College (JJC) 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 Information Technology - Networking from JJC (CO238) and a Bachelor of Science (BS) degree in Information Technology from GSU.

### **I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (12 Hours)**

#### **Communications (3 hours)**

ENG 101 - Rhetoric (3)

#### **Humanities and Fine Arts (3 hours)**

Humanities or Fine Arts Course (3)\*

#### **Mathematics (3 hours)**

IAI approved Mathematics course (3)\*

#### **Social and Behavioral Sciences (3 hours)**

Social and Behavioral Science Course (3)\*

### **II. AREA OF CONCENTRATION/MAJOR FIELD (44 Hours)**

- CIS 122 - Computer Information Systems Fundamentals (4) (Meets CPSC 2005)
- CNT 101 - Cisco Certified Network Associate (CCNA) Intro (3) (Meets CPSC 4342)
- CNT 102 - CCNA Intermediate (3) (Meets IT 3520)
- CNT 103 - CCNA Advanced (3)
- CNT 104 - Cisco Certified Network Associate (CCNA) Practicum (3)
- CIS 123 - Linux Essentials Network Development Group (3)
- CIS 125 - Cloud Essentials (3)
- CIS 162 - Wireless Foundations (3)
- CIS 216 - HTML & CSS for Web Design (3)
- CNT 210 - Cisco Certified Network Professional (CCNP) Introduction (3)
- CNT 211 - Cisco Certified Network Professional (CCNP) Intermediate (3)
- CNT 212 - Cisco Certified Network Professional (CCNP) Advanced (3)
- CNT 213 - Cisco Certified Network Professional (CCNP) Practicum (3)
- CIS 297 - Cyber Ops (3)
- CNT 220 - CCNA Security (3) (Meets CPSC-4580)

### **III. ELECTIVES (3 Hours)**

Select from the following courses:

CIS 263 (3) (Meets CPSC-4342), CIS 272 (Meets CPSC-4570); CIS 276 (3) (Meets IT-3110); or any CIS, CNT, GAME or DGTL course

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

**\* Refer to the JJC AA guidelines for a list of course choices for Section I.**

NOTE: Students are strongly encouraged to complete **up to** 80 hours at JJC by taking additional general education courses from Section III.

## IV. TO BE COMPLETED AT JJC OR GSU (25 Hours)

- Composition II Course (3) (JJC ENG 102 or GSU ENGL 1010)
- Speech (3) (JJC COMM 101 or GSU COMM 1000)
- Fine Arts Course (3)\*
- Humanities Course (3)\*
- Life Science Course (3-4)\* [either life or physical science course must contain a lab]
- Physical Science Course (3-4)\* [either life or physical science course must contain a lab]
- Social and Behavioral Science Courses (6)\*

*\*Refer to JJC or GSU catalog for course options in Section IV.*

## V. TO BE TAKEN AT GSU (39-42 Hours)

### Core Courses (9 Hours)

- IT 3099 - Junior IT Seminar (3)
- IT 3310 - Microsoft Project Management (3)
- IT 4810 - IT Senior Projects and Seminars (3)

### Program Selectives (3-6 Hours)

*Select from the following courses: [May vary based on courses completed in Section III.]*

- CPSC 4570 - Windows Systems (3) [Met by JJC CIS 272]
- CPSC 4580 - Information Security (3) [Met by JJC CNT 220]
- IT 3210 - Introduction to Scripting Languages (3)
- IT 3520 - Cisco CCNA I (3) [Met by JJC CNT 102]
- IT 3521 - Cisco CCNA II (3) [Met by JJC CNT 104]
- 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

(124-127 hours as written in order to satisfy AAS, General Education and BS requirements.)

#### For Additional Information:

#### Governors State University

GSU 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)

#### Joliet Junior College

Career and Transfer Center

(815) 280-2449

[Visit Joliet Junior College at www.jjc.edu](http://www.jjc.edu)