

## **Associate of Applied Science in Computer Networking Technologist 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 Computer Networking Technologist from JJC and a Bachelors of Science (BS) degree in Information Technology from GSU.

### **III. 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 (55 Hours)**

- CIS 122 - Computer Information Systems Fundamentals (4) (Meets CPSC 2005)
- CIS 126 - Microsoft Office (3)
- CIS 162 - Introduction to Wireless Communications (4)
- CNT 101 - Networking Fundamentals (4) (Meets CPSC 4342)
- CNT 102 - Routing Protocol and Concepts (4) (Meets IT 3520)
- CNT 103 - LAN Switching and Wireless Communications (4)
- CNT 104 - Accessing the WAN (4) (Meets IT 3521)
- CNT 210 - Route I (4)
- CNT 211 - Route II (4)
- CNT 212 - Switch (4)
- CNT 213 - TSHOOT (4)
- CNT 218 - Cisco Voice Primer (4)
- CNT 219 - Cisco Voice (4)
- CNT 220 - CCNA Security (4)

### **REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 67 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.

# Transfer Guide



## III. 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 COMS 1160)  
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 III.*

## IV. TO BE TAKEN AT GSU (45 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 (9 Hours)

*Select from the following courses:*

CPSC 4570 - Windows Systems (3)  
CPSC 4580 - Information Security (3)  
IT 3110 - Fundamentals of Information Technology (3)  
IT 3210 - Introduction to Scripting Languages (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

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

### For Additional Information:

**Governors State University  
Office of Admission**

**(708) 534-4490**

[TransferGuide@govst.edu](mailto:TransferGuide@govst.edu)

[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)

GSU Transfer Guide 8.23.2018

