

Associate of Applied Science in Computer Network and Systems 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 Network Specialist from JJC (CO230) 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)

College Algebra or 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)
- CIS 123 - Linux Essentials Network Development Group (3)
- CIS 125 - Cloud Essentials (3)
- CIS 126 - Microsoft Office (3)
- CIS 135 - Introduction to Programming (4)
- CIS 145 - Fundamentals of Networking (3)
- CIS 162 - Wireless Foundations (3)
- CIS 172 - Operating Systems Fundamentals (3) (Meets CPSC-4335)
- CIS 263 - Networking Essentials (3) (Meets CPSC 4342)
- CIS 272 - Server Fundamentals (3) (Meets CPSC 4570)
- CIS 273 - Advanced Server Fundamentals (3)
- CIS 275 - IT Technical Support (3)
- CIS 276 - Advanced IT Technical Support (3) (Meets IT 3110)
- CIS 293 - VMware vSphere (3)

III. ELECTIVES (4 Hours)

Select from the following courses:

CIS 216 (3); CIS 223 (3); CIS 226 (3); CIS 230(3); CIS 236 (3); CIS 240 (3); CIS 250 (3);
CNT 101 (3) (Meets CPSC 4342); CNT 102 (3) (Meets IT 3520)

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 IV.

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 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 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 4205 - Computer Organization (3)

CPSC 4335 - Operating Systems (3) [Met by JJC CIS 172]

CPSC 4570 - Windows Systems (3) [Met by JJC CIS 272]

CPSC 4580 - Information Security (3)

IT 3110 - Fundamentals of Info Technology (3) [Met by JJC CIS 276]

IT 3210 - Introduction to Scripting Languages (3)

IT 3520 - Cisco CCNA I (3) [Met by JJC CNT 102]

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

(124-127 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/>

Joliet Junior College

Career and Transfer Center

(815) 280-2449

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

Visit the College of Arts and Sciences at

www.govst.edu/cas