Associate of Applied Science in Computer Network Specialist 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 Bachelors 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 (52 Hours)
> CIS 122   - Computer Information Systems Fundamentals (4) (Meets CPSC 2005)
> CIS 126   - Microsoft Office (3)
> CIS 130   - BASIC Programming (3)
> CIS 145   - Fundamentals of Networking (4)
> CIS 154   - Data Communications and Networks (4)
> CIS 159   - Introduction to Operating Systems and Scripts (4)
> CIS 263   - Networking Essentials (4) (Meets CPSC 4342)
> CIS 271   - Windows Client OS (4)
> CIS 272   - Windows Server I (4) (Meets CPSC 4570)
> CIS 273   - Windows Server II (4)
> CIS 275   - IT Technical Support (4)
> CIS 276   - Advanced IT Technical Support (4) (Meets IT 3110)
> CIS 277   - Computer Security for the Home and Small Business (4)
> CIS 293   - VMware vSphere (4)

III.   ELECTIVES (4 Hours)
Recommended to select from the following:
> CNT 101   – Networking Fundamentals (4) (Meets CPSC 4342)
> CNT 102   - Routing Protocol and Concepts (4) (Meets IT 3520)
> CNT 104   - Accessing the WAN (4) (Meets IT 3521)
> CNT 220   - CCNA Security (4) (Meets CPSC 4580)

REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 68 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.

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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 (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 (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
(134-137 hours as written in order to satisfy AAS, General Education and BS requirements.)

For Additional Information:
Governors State University   **Joliet Junior College**
Office of Admission   **Career and Transfer Center**
(708) 534-4490   **(815) 280-2449**
TransferGuide@govst.edu   **Visit Joliet Junior College at www.jjc.edu**
www.govst.edu/cas

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