



Associate of Applied Science in Network Specialist to Bachelor of Science in Computer Science

Courses taken at JJC

Year One, First Semester

- CIS 122 Computer Information Systems Fundamentals
- CIS126 Microsoft Office
- CIS145 Fundamentals of Networking
- MATH 150 Mathematical Analysis for Business or
- or MATH 170 Calculus and Analytical Geometry I **
- ENG 101 Rhetoric

Year One, Second Semester

- CIS 130 BASIC Programming
- CIS 162 Intro to Wireless
- CIS 263 Networking Essentials
- CIS 271 Windows Client OS
- Gen. Ed. From Groups I - V: General Education

Year Two, Third Semester

- CIS 123 Linux Essentials
- CIS 272 Server Fundamentals
- CIS 275 IT Technical Support
- CIS 276 Advanced IT Technical Support
- CIS Elective From approved CIS Core electives

Year Two, Semester Four

- CIS 125 Cloud Essentials
- CIS 273 Advanced Server Fundamentals
- CIS 293 VMware vSphere
- GEN ED Group II: Social & Behavioral Science**

Total JJC Credits: 60-61*

JJC Faculty Advisor: Stanley Pieklo
 Office: T-2041
spieklo@jjc.edu

GSU Advisor: Office of Admission
 708-534-4490
admission@govst.edu

Courses taken at GSU

- ENGL 1010 Composition II - May be taken at JJC or GSU**
- GEN ED Fine Art (3 credits) - May be taken at JJC or GSU**
- GEN ED Humanities (3 credit) - May be taken at JJC or GSU**
- GEN ED Life Science (3-4 credits) May be taken at JJC or GSU**
- GEN ED Physical Science (3-4 credits) - May be taken at JJC or GSU**
- GEN ED Social & Behavioral Science from 2 disciplines (6 credits)**
- COMS 1160 Speech - May be taken at JJC or GSU**
- CPSC 3148 Computer Programming in Java
- CPSC 3099 Junior Seminar
- CPSC 3310 Introduction to Object-Oriented Programming
- CPSC 4190 Intro to Software Engineering
- CPSC 4205 Computer Organization
- CPSC 4335 Operating Systems
- CPSC 4338 Discrete Structures
- CPSC 4345 Database Systems
- CPSC 4355 Data Structures and Algorithms
- CPSC 4900 Senior Project and Seminar
- Advanced Selectives (27 credit hours): Please see GSU catalog for the approved list and other computer science courses as approved by GSU academic advisor. Students are strongly encouraged to consider a certificate in Digital Forensics or Information Security or a minor Game Design.**

Total GSU Credits: 57-82*

Total Degree Credits: 142-143*

Minimum required for BS in Computer Science: 120 hours

Note: Student can complete up to 80 hours at JJC by taking additional course from Section IV. Refer to the JJC AA/AS guidelines.





2+2

*This transfer guide is a sample curriculum. Additional courses may be required based on placement test scores. Please work with your faculty advisor or success coach prior to course registration.

**Courses are to be chosen in consultation with an academic advisor. Either Life or Physical Science need to have a lab.

About GSU's Program:

From everyday appliances with artificial intelligence to targeted marketing helping fulfill both consumer and organizational needs, technology has crept into nearly every industry. Governors State's Bachelor of Science in Computer Science prepares students for constant advancements in technology through a balanced study in both theory and application. Graduates enter careers with the most up-to-date knowledge and the ability to expect and adapt to new and evolving aspects in computer programming, design, and defense. Career opportunities in computer science range widely: from the highly creative design fields in artificial intelligence and virtual reality to the more pragmatic world of cyber security. Demand for computer scientists is growing as almost as quickly as the field's evolution—19% over the next decade, according to the Bureau of Labor Statistics.

About JJC's Program:

The Computer Network Specialist AAS degree provides students with a diverse education in computers and networking which will prepare them for a variety of career options including network administrator, networking support technician, help desk support, networking engineers, and networking security, to name a few. The Network Specialist degree program provides students with exposure to a broad spectrum of computer and network related issues. Extensive hands-on use of the tools, methods, and software used in modern business computer environments is an integral part of many of the classes. This includes courses in the latest Windows client and server operating systems and Linux system software. The program also provides students with the opportunity to prepare for numerous highly regarded industry certifications from industry leaders Cisco, Microsoft, and CompTIA. These include certification prep classes on Windows server and client operating systems; Cisco routers; and CompTIA Security+, A+, and Network+. These certifications provide students with an additional way to demonstrate their skills and knowledge to potential employers.

Questions:

JJC Faculty Advisor: Stanley Pieklo
Office: T-2041
spieklo@jjc.edu

Student Advising Center
815-280-2673
academicadvising@jjc.edu

