

Computer Systems and Security Specialist AAS Degree

The computer systems and security specialist degree includes training in the areas of programming, logic, analysis and design, computer operations, operating systems, database, data communications, advanced computer application packages, networks, security and assurance of system functionality. The curriculum will give the student a thorough background in computers, which is required to compete in today's business, industry, and government job environments. The student will be trained through classroom experience, "hands-on" computer operations, and practical applications.

First Year

FALL SEMESTER		Credit Hours
BUS 210	Principles of Management	3
COM 111	Business Computer Systems	4
COM 201	Windows Operating Systems	1
COM 189	Networking Technologies	3
COM 225	Systems Analysis	3
MAT 110 or MAT 210	General Education Mathematics or General Elementary Statistics	4
TOTAL HOURS		18

SPRING SEMESTER		Credit Hours
COM 133	Linux Operating Systems & Network	2
COM 222	Computer Logic	3
COM 246	Introduction to Cybersecurity	3
COM 265	Command Prompt-Windows	2
SPC 111	Speech	3
TOTAL HOURS		13

Second Year

FALL SEMESTER		Credit Hours
COM 218	Security + Certification	3
COM 227	Database Management Systems	3
COM 231	C-Programming	3
COM 244	A+ Certification	3
ENG 111	English Composition	3
COM 281	Microsoft Excel	2
TOTAL HOURS		17

SPRING SEMESTER		Credit Hours
BUS 225	Business Communication	3
COM 239	JAVA Programming	3
COM 241	Windows Server Networking	3
ECO 211 or ECO 212	Introduction to Macroeconomics or Introduction to Microeconomics	3
PSY 211	Introduction to Psychology	3
COM 196	Computer Systems Internship	2
TOTAL HOURS		17

Career Clusters: Information Technology

Career Pathways: Information Support & Service

Possible Career Opportunities:

Systems Analyst * Programmer Analyst * Business Systems Analyst
Computer Systems Analyst * Computer Systems Consultant
Computer Analyst * Information Systems Analyst (ISA)
Applications Analyst * Business Analyst * Systems Engineer

O*NET Links: www.onetonline.org

SOC Codes: **15-1121.00**



Current In-District Rate Semester Credit Hour:

\$125.00 per Credit Hour \$15.00 Technology Fee/per Credit Hour Lab fees Vary

Semester One Fall – total cost – \$2,587.00

\$30.00 Lab fee for Business Computer Systems (COM 111)
\$22.00 Lab fee for Windows Operating Systems (COM 201)
\$15.00 Lab fee for Networking Technologies (COM 189)

Semester Two Spring – total cost – \$1,860.00

\$15.00 Lab fee for Introduction to Cybersecurity (COM 246)
\$25.00 Lab fee for Command Prompt-Windows (COM 265)

Total projected program cost - \$9,409.00

Books not included in projected price.

*Some courses may be available for online instruction.

Additional \$30 per class fee will apply.

Semester Three (Second Year) Fall – total cost – \$2,507.00

\$15.00 Lab fee for Security + Certification (COM 218)
\$27.00 Lab fee for Database Management Systems (COM 227)
\$25.00 Lab fee for C-Programming (COM 231)
\$30.00 Lab fee for A+ Certification (COM 244)
\$30.00 Lab fee for Microsoft Excel (COM 281)

Semester Four (Second Year) Spring – total cost - \$2,455.00

\$25.00 Lab fee for JAVA Programming (COM 239)
\$15.00 Lab fee for Windows Server Networking (COM 241)
\$35.00 Lab fee for Introduction to Macroeconomics (ECO 211)

Contact Information:

Admissions

Email: admissions@shawneec.edu

Phone: 618-634-3200



Shawnee
Community College