Computer Support Specialist Program Alignment (CIP 11.1006)
Kansas Board of Regents

Approved 8/26/21
Implement by Fall 2023

CompTIA A+
Core 1 (current exam objectives)
Core 2 (current exam objectives)

→ **Certificate A**
16 to 29 Credit Hours

Certificate A requirements plus
One of the following:
CompTIA Network+
CompTIA Server+
CompTIA Security+
CompTIA Cloud+

→ **Certificate B**
30 to 44 Credit Hours

Certificate B requirements plus
One additional from the following:
CompTIA Network+
CompTIA Server+
CompTIA Security+
CompTIA Cloud+

→ **Certificate C**
45 to 53 Credit Hours

Computer Support Specialist Degree
Certificate C requirements plus
15 credit hours minimum General Education

→ **A.A.S.**
60 to 68 Credit Hours

Required Courses within Program

Required CompTIA Courses:	***6 credits:***
CompTIA A+ Core 1	***3 credits***
CompTIA A+ Core 2	***3 credits***
Agreed upon Computer Specialist Courses*	***9- 12 credits***
CompTIA Network+	***6 credits***
CompTIA Server+	***6 credits***
CompTIA Security+	***3 credits***
CompTIA Cloud+	***3 credits***
Support Courses*	***3 credits:***
Introduction to Computer and Applications	***3 credits***

Course list sequence has no implication on course scheduling by colleges.

Institutions may add additional competencies based on local demand.

**Institutions may* utilize existing course titles that adhere to the agreed upon course length range and competencies for the agreed upon Computer Support Specialist and support courses.

Notes

Specifics pertaining to Computer Support Specialist programs:

1. Graduates are prepared to take the following Computing Technology Industry Association (CompTIA) exams:
   - CompTIA A+ Exam
     And a minimum of two of the following:
   - CompTIA Network+ Exam
   - CompTIA Security+ Exam
   - CompTIA Server+ Exam
   - CompTIA Cloud+ Exam
2. Educational competencies align with the CompTIA certification exam objectives.

Network+: Computer Network courses that prepare students for the CompTIA Network+ Exam.
Competency areas:

1. Network Concepts
2. Network Installation and Configuration
3. Network Median Topologies
4. Network Management
5. Network Security

Server+: Computer Server courses that prepare students for the CompTIA Server+ Exam.
Competency areas:

1. System Hardware
2. Software
3. Storage
4. IT Environment
5. Disaster Recovery

Security+: Computer Security courses that prepare students for the CompTIA Security+ Exam.
Competency areas:

1. Network Security
2. Compliance and Operational Security
3. Threats and Vulnerabilities
4. Application, Data and Host Security
5. Access Control and Identity Management
6. Cryptography

Cloud+: Cloud courses that prepare students for the CompTIA Cloud+ Exam.
Competency areas:

1. Prepare, test, deploy, maintain, and secure cloud systems
2. Design a secure network for cloud deployment
3. Determine CPU, memory sizing, and storage requirement for cloud deployment
4. Analyze workload characteristics to ensure successful migration to the cloud
5. Implement backup, restore, and business continuity measures
6. Analyze cloud systems for required performance, anomalies, and growth forecasting
7. Troubleshoot deployment, capacity, automation, orchestration issues, connectivity, and security issues