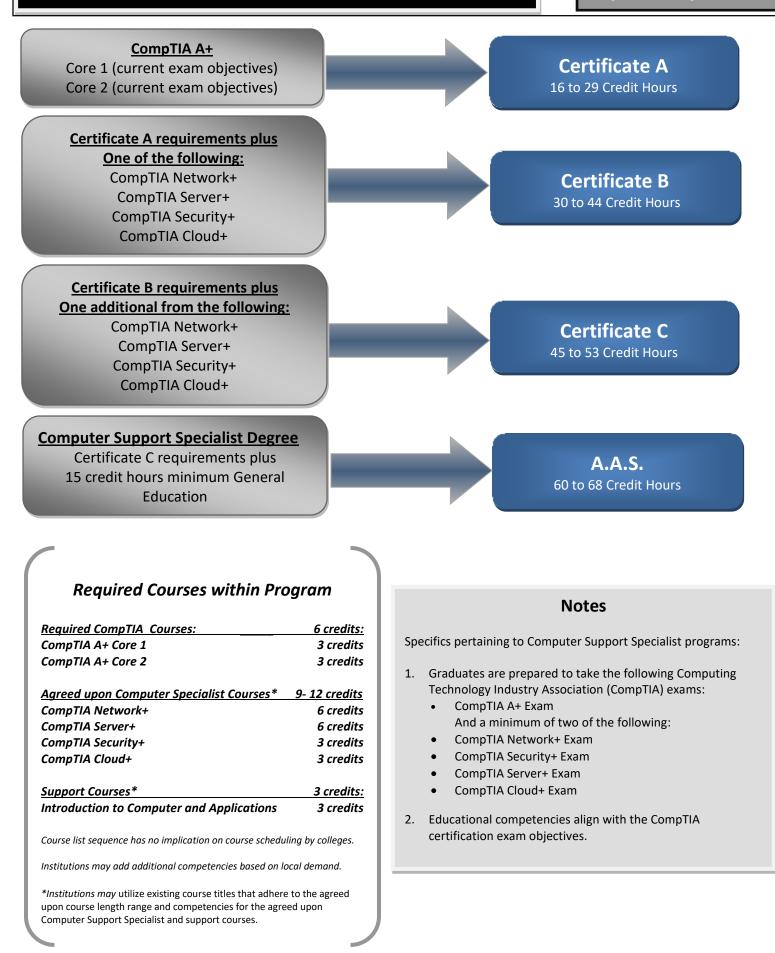
Computer Support Specialist Program Alignment (CIP 11.1006) Kansas Board of Regents

Approved 8/26/21 Implement by Fall 2023



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