Computer Support Specialist Program Alignment – Kansas Board of Regents
CIP: 11.1006

CompTIA A+ Certification
Software
Hardware

Certificate A
Maximum 29 Credit Hours

Two of the following:
CompTIA Network+
CompTIA Server+
CompTIA Security+

Certificate B
Maximum of 44 Credit Hours

Computer Support Specialist Degree

A.A.S.
Maximum of 64 Credit Hours

Notes
Specifics pertaining to Computer Support Specialist programs:

1. Graduates are expected to take the following Computing Technology Industry Association (CompTIA) exams:
   Certificate A certification options:
   - CompTIA A+ Certification Exams
   Certificate B certification options (two of the three):
   - CompTIA Network+ Exam
   - CompTIA Security+ Exam
   - CompTIA Server+ Exam

2. Educational competencies align with the CompTIA certification exam objectives.

3. Students are encouraged to obtain the Kansas WORKReady! Certificate (Silver-Level).

4. The common courses may represent opportunities for colleges to connect to K-12 CTE pathways.

Required Courses within Program

<table>
<thead>
<tr>
<th>Common Courses</th>
<th>6 credits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CompTIA A+ Essentials</td>
<td>3 credits</td>
</tr>
<tr>
<td>CompTIA A+ Practical Applications</td>
<td>3 credits</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Agreed upon Computer Specialist Courses*</th>
<th>9 - 15 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network</td>
<td>6 credits</td>
</tr>
<tr>
<td>Server</td>
<td>6 credits</td>
</tr>
<tr>
<td>Security</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Support Courses*</th>
<th>3 credits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Computer and Applications</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

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 listed that adhere to the agreed upon course length range and competencies for the agreed upon Computer Support Specialist and support courses.
**Network+:**
6 credit hours 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

**Examples:**

**Server+:**
6 credit hours 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
6. Troubleshooting

**Examples:**
Server Administration I, Server Administration II, Server Operating Systems and Virtualization, Server Administration, Network Administration, Designing and Implementing a Server, Implementing an Administration Server

**Security+:**
3 credit hours 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

**Examples:**