Associate of Arts
Pathway to B.S. in Cybersecurity Technology

<table>
<tr><td rowspan="7" align="center">Year 1</td><td colspan="6" align="center"><i>Shawnee Community College</i></td></tr>
<tr><td>ENG-0111</td><td>English Comp I</td><td>3</td><td>ENG-0112</td><td>English Comp II</td><td>3</td></tr>
<tr><td>ECO-0211</td><td>Intro to Macroeconomics</td><td>3</td><td>PHI-0218</td><td>Intro to Ethics & Values</td><td>3</td></tr>
<tr><td>COM-0189</td><td>Networking Technologies</td><td>3</td><td>Physical Science</td><td>Elective</td><td>3</td></tr>
<tr><td>Math</td><td>Elective</td><td>4</td><td>COM-0218</td><td>Security+ Certification</td><td>3</td></tr>
<tr><td>COM-0111</td><td>Business Computer Systems</td><td>4</td><td>Electives</td><td></td><td>3</td></tr>
<tr><td></td><td></td><td>17</td><td></td><td></td><td>15</td></tr>
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<tr><td rowspan="6" align="center">Year 2</td><td colspan="6" align="center"><i>Shawnee Community College</i></td></tr>
<tr><td>SPC-0111</td><td>Speech</td><td>3</td><td>Life Science</td><td>Elective</td><td>4</td></tr>
<tr><td>MAT-0116</td><td>College Algebra</td><td>4</td><td>COM-0241</td><td>Windows Server Networking</td><td>3</td></tr>
<tr><td>Social Science</td><td>Elective</td><td>3</td><td>Fine Arts</td><td>Elective</td><td>3</td></tr>
<tr><td>COM-0231 or COM-0247</td><td>C Programming or Python Programming</td><td>3</td><td>Elective</td><td></td><td>3</td></tr>
<tr><td>Electives</td><td></td><td>3</td><td>PSY-0211</td><td>Intro to Psychology</td><td>3</td></tr>
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<tr><td rowspan="9" align="center">Year 3 & 4</td><td colspan="6" align="center"><i>Southern Illinois University-Carbondale</i></td></tr>
<tr><td>ITEC-235</td><td>System Administration</td><td>3</td><td>ITEC-390</td><td>Career Development for IT Professionals</td><td>3</td></tr>
<tr><td>ITEC-236</td><td>Web-based Applications in IT</td><td>3</td><td>CTEC-328</td><td>Security Analysis</td><td>3</td></tr>
<tr><td>ITEC-265</td><td>Applied Statistics for the IT Profession</td><td>3</td><td>CTEC-360</td><td>Enterprise Analysis</td><td>3</td></tr>
<tr><td>ITEC-280</td><td>Discrete Math for IT</td><td>3</td><td>CTEC-375</td><td>Cyber Forensics</td><td>3</td></tr>
<tr><td>ITEC-312</td><td>Programming II</td><td></td><td>CTEC-410</td><td>Web Security</td><td>3</td></tr>
<tr><td>ITEC-314</td><td>Ethical & Legal Issues in IT</td><td>3</td><td>CTEC-418</td><td>Cloud Security</td><td>3</td></tr>
<tr><td>ITEC-370</td><td>Database Programming with SQL</td><td>3</td><td>CTEC-440</td><td>Software Security</td><td>3</td></tr>
<tr><td>CTEC Electives</td><td>300/400 level</td><td>9</td><td>CTEC-461</td><td>Cryptography</td><td>3</td></tr>
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