### Johnson County Community College — Missouri S&T

#### Communication Skills

<table>
<thead>
<tr>
<th>Course</th>
<th>Johnson County Community College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 121</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 122</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>3 semesters of same language OR 2 semesters of each of two different languages.</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td>18</td>
<td><strong>Total Hours</strong></td>
</tr>
</tbody>
</table>

#### Mathematics and Sciences

<table>
<thead>
<tr>
<th>Course</th>
<th>Johnson County Community College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 241 and MATH 242</td>
<td>Calculus I and Calculus II</td>
<td>10</td>
</tr>
<tr>
<td>CHEM 124, 125</td>
<td>General Chemistry I and Lab</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 131, 132</td>
<td>General Chemistry II and Lab</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td>20</td>
<td><strong>Total Hours</strong></td>
</tr>
</tbody>
</table>

#### Humanities

Select up to 9 hours to include at least one literature course.

<table>
<thead>
<tr>
<th>Course</th>
<th>Johnson County Community College</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ENGL 236 or ENGL 246 or ENGL 251 or ENGL 217</td>
<td>British Literature to 1800 or American Literature I or World Literature to 1620 or Literature by Women or other literature</td>
<td>3</td>
</tr>
<tr>
<td>MUS 121 or MUS 126 or THEA 120</td>
<td>Intro to Music Listening or Intro to World Music or Intro to Theatre (or other fine art)</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 121</td>
<td>Intro to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>Other fine art, literature, or philosophy</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td>9</td>
<td><strong>Total Hours</strong></td>
</tr>
</tbody>
</table>

#### Social Sciences

Select up to 12 hours in two areas to include History 1100 and 1200.

<table>
<thead>
<tr>
<th>Course</th>
<th>Johnson County Community College</th>
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</tr>
</thead>
<tbody>
<tr>
<td>HIST 125 or HIST 151</td>
<td>Western Civ: Ancient World to the Renaissance or World History: Traditional</td>
<td>3</td>
</tr>
<tr>
<td>HIST 126</td>
<td>Western Civ: Scientific Revolution to Modern Age</td>
<td>3</td>
</tr>
<tr>
<td>ECON 231 or ECON 230</td>
<td>Principles of Microeconomics or Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 124</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 130</td>
<td>Intro to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>HIST 140</td>
<td>U.S. History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HISTORY 1310</td>
<td>U.S. History since 1877</td>
<td>3</td>
</tr>
<tr>
<td>Social Science</td>
<td>Other history, economics, political science, psychology, or sociology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td>12</td>
<td><strong>Total Hours</strong></td>
</tr>
</tbody>
</table>

#### Additional Degree Requirements

Select additional courses to total up to the maximum transfer credit hours shown below.

<table>
<thead>
<tr>
<th>Course</th>
<th>Johnson County Community College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 220</td>
<td>Organic Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 221</td>
<td>Organic Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td>MATH 243</td>
<td>Calculus III</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 220</td>
<td>Engineering Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 221</td>
<td>Engineering Physics II</td>
<td>5</td>
</tr>
</tbody>
</table>

**Maximum credit hours to be transferred to Missouri S&T degree requirements.**

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Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T.

Students must receive special permission from Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T degree.

Students are not required to complete all courses on this guide before transferring to Missouri S&T.

This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2024. Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.