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

**Computer Science BS Transfer Guide**

**Effective Fall 2014**

The following course work will apply to Missouri S&T degree requirements as outlined below.

Students are not required to complete all course work before transferring to Missouri S&T.

<table>
<thead>
<tr>
<th>JCCC #</th>
<th>Title</th>
<th>Hours</th>
<th>S&amp;T #</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 121</td>
<td>Composition I</td>
<td>3</td>
<td>ENGLISH 1120</td>
<td>Exposition and Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 122</td>
<td>Composition II</td>
<td>3</td>
<td>ENGLISH 1160</td>
<td>Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>SPD 121</td>
<td>Public Speaking</td>
<td>3</td>
<td>SPMS 1185</td>
<td>Principles of Speech</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>9</strong></td>
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</tbody>
</table>

#### Communication Skills (Take all courses)

- MATH 241 Calculus I
- MATH 242 Calculus II
- PHYS 220 Engineering Physics I
- PHYS 221 Engineering Physics II

**Total Hours:** **20**

#### Mathematics and Science (Take all courses)

- HIST 126 or HIST 140 or HIST 141 or POLS 122 or POLS 124
- ECON 231 or ECON 230
- PSYC 130

**See your advisor for course options**

#### Social Sciences (Select 9 credit hours to include one course to satisfy state requirement)

<table>
<thead>
<tr>
<th>S&amp;T #</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2222</td>
<td>Calculus with Analytic Geometry III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3108</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1310, 1319 or BIO SCI 1113, 1219</td>
<td>General Chemistry I and Lab or General Biology and Lab (Applies to S&amp;T degree as science elective)</td>
<td>5</td>
</tr>
<tr>
<td>CS 1560*</td>
<td>Intro to Programming</td>
<td>3</td>
</tr>
<tr>
<td>CS 1510*</td>
<td>Data Structures</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Social Sciences

- MUS 121 Introduction to Music Listening
- THEA 120 Introduction to Theater
- THEA 236 International Literature I
- PHIL 121 Introduction to Philosophy

**See your advisor for course options**

**Total Hours:** **6**

#### Humanities

**Total Hours:** **9**

#### Additional Degree Requirements (Select up to 21 hours)

**Total Hours:** **21**

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

**68**

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

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

*Students are recommended to take these courses the last semester before transferring to Missouri S&T, if possible.*

This transfer guide is published by Missouri University of Science and Technology and is in effect as of the 2014/2015 academic year. Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.