

# State Fair Community College — Missouri S&T

## Computer Science BS Transfer Guide

Effective as of Fall 2017

### State Fair Community College

### Missouri S&T

#### Communication Skills (Take all courses)

ENGL 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	English Composition II	3	ENGLISH 1160	Writing and Research	3
SPTH 101	Public Speaking	3	SPMS 1185	Principles of Speech	3
Total Hours		9	Total Hours		9

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

MATH 130	Calculus and Analytical Geometry I	5	MATH 1214	Calculus for Engineers I	4
MATH 131	Calculus and Analytical Geometry II	5	MATH 1215	Calculus for Engineers II	4
PHYS 118	General Physics I with Lab	5	PHYSICS 1135	Engineering Physics I	4
PHYS 119	General Physics II with Lab	5	PHYSICS 2135	Engineering Physics II	4
Total Hours		20	Total Hours		16

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

HIST 109 or HIST 101 or HIST 102 or POLS 101	World Civilization After 1500 or History Before 1877 or History Since 1877 or American/National Government <small>(At least one of these courses is required to satisfy state requirement)</small>	US US 3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200	Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government <small>(At least one of these courses is required to satisfy state requirement)</small>	3
ECON 102 or ECON 101	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
<i>See your advisor for course options</i>			Other economics, history, political science, sociology, psychology elective.		
Total Hours		9	Total Hours		9

#### Literature and Philosophy/Ethics

#### (Select 6 credit hours to include at least one literature course and one philosophy/ethics course)

LIT 104	Masterpieces I	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
PHIL 101	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
<i>See your advisor for course options</i>			Other literature elective		
<i>See your advisor for course options</i>			Other philosophy/ethics elective		
Total Hours		6	Total Hours		6

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

MATH 132	Calculus and Analytical Geometry III	5	MATH 2222	Calculus with Analytic Geometry III <small>(Not required for Computer Science BS. Will transfer as science/engineering elective)</small>	4
CHEM 123 or BIO 125	General Chemistry I with Lab or Biology I with Lab	5	CHEM 1310, 1319 or BIO SCI 1113, 1219	General Chemistry I and Lab or General Biology and Lab <small>(Applies to S&amp;T degree as science elective)</small>	5
CIS 155	Programming in C+	3	CS 1570	Intro to Programming (C++)	3

\*Students are recommended to take CS 1570, 1580, and 1575 the last semester before transferring to Missouri S&T, if possible. CS 1580 will be waived for students who take the equivalent of CS 1570 at their transfer college.

Total Hours 21

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#### 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 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 the 2017/2018 academic year. Further information or updates are available from Missouri S&T Transfer Admissions at [transfer.mst.edu](http://transfer.mst.edu), [transfer@mst.edu](mailto:transfer@mst.edu), or 800-522-0938.