

# East Central College — Missouri S&T

## Information Science and Technology BS Transfer Guide

Effective as of Fall 2020

### East Central College

### Missouri S&T

#### General Education (Take all courses)

ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	English Composition II (Required for AA degree.)	3	ENGLISH 1160	Writing and Research (Will be substituted for ENGLISH 1600 requirement)	3
COM 110	Public Speaking	3	SPMS 1185	Principles of Speech	3
CIV 202 or HST 101 or HST 102	European Civilization II or US History to 1865 or US History 1865-1945 (or other history elective)	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Modern Western Civilization or American History to 1877 or American History Since 1877 (or other history elective)	3
PSC 102	US Government: National and State	3	POL SCI 1200	American Government	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
Total Hours		18	Total Hours		18

#### Mathematics (Take all courses)

MTH 183	College Algebra	3	MATH 1140	College Algebra	3
MTH 180	Survey Calculus	3	MATH 1212	Business Calculus	4
Total Hours		6	Total Hours		7

#### Humanities and Social Sciences (Select 3 hours)

ART 101	Art Appreciation	3	ART 1180	Art Appreciation	3
MUS 101	Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
THE 101	Theatre Appreciation	3	THEATRE 1190	Theatre Appreciation	3
ENG 210	Survey British Lit: Beginnings to 1784	3	ENGLISH 1211	British Literature I: The Beginnings to 1700 <i>or other literature course</i>	3
ENG 221	Survey American Lit: Colonial to 1865	3	ENGLISH 1221	American Literature: 1600 to 1865	3
ENG 222	Survey American Lit: 1865 to Present	3	ENGLISH 1222	American Literature: 1865 to Present	3
ENG 214	Women's Literature	3	ENGLISH 2242	Literature by Women	3
ENG 215	African-American Literature	3	ENGLISH 2245	African American Literature	3
PHL 101	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
	<i>See your advisor for course options</i>	3		Other fine art, literature, economic, social sciences, or philosophy elective	3
Total Hours		3	Total Hours		3

#### Sciences (Select 2 lecture sections and 1 lab)

CHM 111	General Chemistry I and Lab	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 112	General Chemistry II and Lab	5	CHEM 1320, 1510	General Chemistry II and Qualitative Analysis	5
PHY 111, 112	College Physics I and Lab	5	PHYSICS 1145, 1119	College Physics I and Lab	4
PHY 121, 122	College Physics II and Lab	5	PHYSICS 2145, 2119	College Physics II and Lab	4
BIO 111	General Biology I and Lab	5	BIO SCI 1113, 1219	General Biology and Lab	5
	<i>See your advisor for course options</i>			Any biology, chemistry, physics, geology course. <i>See your advisor for options</i>	
Total Hours		7	Total Hours		7

#### Major Requirements (Select up to 15 hours)

ECO 102	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
ECO 101	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
ACC 101	Financial Accounting I	3	BUS 1210	Financial Accounting	3
CIS 101	Microcomputer Application	3	IST 1750	Information Systems	3
BUS 111	Principles of Marketing	3	MKT 3110	Marketing	3
Total Hours		15	Total Hours		15

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

**60**

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.