East Central College — Missouri S&T

Physics BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

East Central College			<u>Missouri S&T</u>		
Comn	nunication	Skills (Take all co	ourses)		
English Composition I	3	ENGLISH 1120	Exposition and Argumentation		3
English Composition II or	3	ENGLISH 1160 or	Writing and Research or		3
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		Science (Take all o		arriours	
		•	· · · · · · · · · · · · · · · · · · ·		4
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•					5
General Chemistry Fand Lab	5	CHEW 1310, 1319	General Chemistry Fand Lab		3
General Chemistry II and Lab	5	CHEM 1320, 1510*			3
Total Ho	urs 35		Tota	al Hours	28
So	cial Sciend	es (Take all cours	ses)		
		<u> </u>	•		
	3		•		3
European Civilization II		HISTORY 1200	Modern Western Civilization		
•	3				3
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	-		, ,,	al Hours	9
		s (Take all courses	s)		
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(or other literature)		LINGLISH 2243 OF	(or other literature elective)		
Total Ho	urs 6		Tota	al Hours	6
A	dditional D	egree Requiremer	nts		
					3
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Additional Courses f	or Teache	Certification Opti	ion (Take all courses)		
Foundations of Education or	2	EDUC 4040	Descriptions in Education		2
Multicultural Education	3	EDUC 1040	Perspectives in Education		2
Mullicultural Education					
Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology		3
	3		Educational Psychology Developmental Psychology		3
	English Composition I English Composition II or Technical Writing Public Speaking Total Ho Mathem Analytic Geometry & Calculus II Analytical Geometry & Calculus III General Physics I and Lab General Physics II and Lab General Chemistry II and Lab General Chemistry II and Lab General Chemistry III and Lab Total Ho So US History to 1865 or US History 1865-1945 or European Civilization II US Government I: National and State General Psychology Total Ho Art Appreciation or Music Appreciation Survey British Lit: Beginnings to 1784 or Survey American Lit Colonial to 1865 or World Literature I or Women's Literature or African-American Literature (or other literature) Total Ho Select additional courses to to Differential Equations General Biology I and Lab Intro to Astronomy or Intro to Physical Geology Lec	English Composition II or Technical Writing Public Speaking Analytic Geometry & Calculus I Analytic Geometry & Calculus II Analytic Geometry & Calculus II Analytic Geometry & Calculus II Analytical Geometry & Calculus II Seneral Physics I and Lab General Physics II and Lab General Chemistry II and Lab General Chemistry II and Lab General Chemistry II and Lab General Chemistry II and Lab General Physics II and Lab General Chemistry II and Lab Total Hours Social Science US History to 1865 or US History 1865-1945 or European Civilization II US Government I: National and State General Psychology 3 Total Hours 9 Humanities Art Appreciation or Music Appreciation or Music Appreciation Survey British Lit: Beginnings to 1784 or Survey American Lit: Colonial to 1865 or World Literature I or Women's Literature or African-American Literature (or other literature) Total Hours 6 Additional D Select additional courses to total up to total Intro to Astronomy or Intro to Physical Geology Lec	English Composition Senglish Composition Senglish Composition Senglish Composition Senglish Composition Senglish Senglish	English Composition II or 1 3 ENGLISH 1120 Exposition and Argumentation English Composition II or 2 3 ENGLISH 1150 or ENGLISH 1150 or ENGLISH 1150 or Technical Writing and Research or Technical Courses) Total Hours Total Ho	English Composition 3 ENGLISH 1120 Exposition and Argumentation Technical Writing SINGLISH 3560 ENGLISH 3560 Technical Writing Total Hours Total Hours

Professional Requirements for Teacher Education Program: Please view all program requirements at https://teachereducation.mst.edu/secondaryeducation/.

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

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 2023. Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.