

East Arkansas Community College

Advising Guide

		STEM Prep	Done	Curr	To do	BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
English (6 hours)														
ENG	1013 English Composition I		___	___	___	3	3	3	3	3	3	3	3	3
ENG	1023 English Composition II		___	___	___	3	3	3	3	3	3	3	3	3
Communications (3 hours)														
GNEG	1103 Introduction to Engineering (UofA course)	X	___	___	___	3	3	3	3	3	3	3	3	3
SPE	1003 Introduction to Oral Communication		___	___	___				3	3				
Mathematics (12 hours)														
MTH	2214 Calculus I	X	___	___	___	4	4	4	4	4	4	4	4	4
MTH	2224 Calculus II	X	___	___	___	4	4	4	4	4	4	4	4	4
MTH	2234 Calculus III	X	___	___	___	4		4		4	4	4	4	4
Science (16 hours)														
CHE	1214 College Chemistry I		___	___	___	4	4	4	4	4	4	4	4	4
CHE	1234 College Chemistry II		___	___	___	4	4	4	CHE 1214, BIO 1014, or PHS 1014	CHE 1214, BIO 1014, or PHS 1014	4	CHE 1214 or BIO 1014	CHE 1214, BIO 1014, or PHS 1014	CHE 1214, BIO 1014, or PHS 1014
BIO	1014 General Biology		___	___	___	4	4							
PHS	1014 Principles of Geology		___	___	___						4			
BIO	2504 Microbiology		___	___	___	4	4							
Humanities and Social Science (15-18 hours)														
US History/Government (3 hours)						3	3	3	3	3	3	3	3	3
PSC	2003 American Government		___	___	___									
HIS	2033 US History before 1865		___	___	___									
HIS	2043 US History since 1865		___	___	___									
Economics (3-6 hours):														
ECO	2103 Principles of Macroeconomics		___	___	___	3	3	3	3	3	3	3	3	3
ECO	2203 Principles of Microeconomics		___	___	___								3	
Social Science (3-6 hours)						6	6	6	6	6	6	6	3	6
SOC	2043 Cultural Anthropology		___	___	___									
HIS	2033 US History before 1865		___	___	___									
HIS	2043 US History since 1865		___	___	___									
PSC	2013 State & Local Government		___	___	___									
SOC	1013 Introduction to Sociology		___	___	___									
SOC	2003 Social Problems		___	___	___									
PSC	2003 American Government		___	___	___									
HIS	1013 Western Civilization I		___	___	___									
HIS	1023 Western Civilization II		___	___	___									
PSY	1003 General Psychology		___	___	___									
Fine Arts (3 hours)						3	3	3	3	3	3	3	3	3
ART	1003 Art Appreciation		___	___	___									
MUS	1003 Music Appreciation		___	___	___									
DRA	1003 Theatre Appreciation		___	___	___									
Humanities (0-3 hours)						3	3	3	0	0	3	3	3	3
Any intermediate I foreign language														
PHL	1003 Introduction to Philosophy		___	___	___									
ENG	2073 World Literature I		___	___	___									
ENG	2083 World Literature II		___	___	___									
Technical Electives														
CSCE	2004 Programming Foundations I (U of A course)	X	___	___	___				4	4		4		

Notes: ***Always check for the most recent version: <http://stemprep.uark.edu>

*All courses have been evaluated by the University of Arkansas College of

*Courses taken outside of these courses are not guaranteed to transfer.

*The number of hours correspond to the number of hours need by each degree

*Classes listed in multiple sections will only count in one section.

BENG	Biological Eng	CVEG	Civil Eng
BMEG	Biomedical Eng	ELEG	Electrical Eng
CHEG	Chemical Eng	INEG	Industrial Eng
CompS	Computer Science	MEEG	Mechanical Eng
CompE	Computer Eng		