

East Arkansas Community College

Advising Guide

STEM Prep					Done	Curr	To do									
English (6 hours)								BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
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)								BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
GNEG	1103 Introduction to Engineering (UofA course)	X						3	3	3	3	3	3	3	3	3
SPE	1003 Introduction to Communication									3	3					
Mathematics (12 hours)								BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
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)								BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
CHE	1214 College Chemistry I							4	4	4	4	4	4	4	4	4
CHE	1234 College Chemistry II							4	4	4	CHE 1214,	CHE 1214,	4	CHE 1214 or	CHE 1214,	CHE 1214,
BIO	1014 General Biology							4	4		BIO 1014, or	BIO 1014, or		BIO 1014	BIO 1014, or	BIO 1014, or
PHS	1014 Principles of Geology										PHS 1014	PHS 1014	4		PHS 1014	PHS 1014
PHYS	2054 University Physics I (UofA course)	X						4	4	4	4	4	4	4	4	4
PHYS	2074 University Physics II (UofA course)	X						4	4	4	4	4	4	4	4	4
BIO	2504 Microbiology							4	4							
Humanities and Social Science (15-18 hours)								BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
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	2213 Principles of Macroeconomics							3	3	3	3	3	3	3	3	3
ECO	2223 Principles of Microeconomics														3	
Social Science (3-6 hours)								6	6	6	6	6	6	6	3	6
SOC	2043 Introduction to 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	0
Any intermediate I foreign language																
PHL	1003 Introduction to Philosophy															
ENG	2073 World Literature I															
ENG	2083 World Literature II															
Technical Electives								BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
CSCE	2004 Programming Foundations I (U of A course)	X									4	4			4	

Notes:

- *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.

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

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		