

University of Arkansas Community College at Hope

Advising Guide

	STEM Prep	Done	Curr	To do	BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
English (6 hours)													
ENGL 1013 Composition I		___	___	___	3	3	3	3	3	3	3	3	3
ENGL 1023 Composition II		___	___	___	3	3	3	3	3	3	3	3	3
Communications (3 hours)													
GNEG 1103 Introduction to Engineering (U of A course)	X	___	___	___	3	3	3	3	3	3	3	3	3
SPCH 1313 Principles of Speech		___	___	___				3	3				
Mathematics (12 hours)													
MATH 2015 Calculus I	X	___	___	___	4	4	4	4	4	4	4	4	4
MATH 2025 Calculus II	X	___	___	___	4	4	4	4	4	4	4	4	4
MATH 2574 Calculus III (U of A course)	X	___	___	___	4	4	4	4	4	4	4	4	4
Science (16 hours)													
CHEM 1114 Chemistry I		___	___	___	4	4	4	4	4	4	4	4	4
CHEM 1124 Chemistry II		___	___	___	4	4	4	CHEM 1124,	CHEM 1124,	4	CHEM 1124 or	CHEM 1124,	CHEM 1124,
BIOL 1203 Biology		___	___	___	4	4		BIOL 1203 or	BIOL 1203 or		BIOL 1203	BIOL 1203 or	BIOL 1203 or
GEOL 1004 Physical Geology		___	___	___				GEOL 1004	GEOL 1004	4		GEOL 1004	GEOL 1004
PHYS 2054 University Physics I (U of A course)	X	___	___	___	4	4	4	4	4	4	4	4	4
PHYS 2074 University Physics II (U of A course)	X	___	___	___	4	4	4	4	4	4	4	4	4
BIOL 2234 Microbiology		___	___	___	4	4							
Humanities and Social Science (15-18 hours)													
US History/Government (3 hours)													
PSLC 2103 American Government		___	___	___	3	3	3	3	3	3	3	3	3
HIST 2103 History of the U.S. to 1865		___	___	___									
HIST 2023 History of the U.S. since 1865		___	___	___									
Economics (3-6 hours):													
ECON 2003 Macroeconomics		___	___	___	3	3	3	3	3	3	3	3	3
ECON 2103 Microeconomics		___	___	___								3	
Social Science (3-6 hours)													
SOCI 2013 Cultural Anthropology		___	___	___	6	6	6	6	6	6	6	3	6
HIST 2103 History of the U.S. to 1865		___	___	___									
HIST 2023 History of the U.S. since 1865		___	___	___									
SOCI 2413 Sociology		___	___	___									
SOCI 2003 Social Problems		___	___	___									
PSLC 2103 American Government		___	___	___									
HIST 1003 History of Civilization to 1660		___	___	___									
HIST 1013 History of Civilization since 1660		___	___	___									
PSYC 2303 General Psychology		___	___	___									
Fine Arts (3 hours)													
ARTS 2003 Art Appreciation		___	___	___	3	3	3	3	3	3	3	3	3
MUSI 2103 Music Appreciation		___	___	___									
ARTS 2013 Introduction to Film		___	___	___									
DRAM 2003 Introduction to Theatre Arts		___	___	___									
Humanities (0-3 hours)													
Any intermediate I foreign language		___	___	___	3	3	3	0	0	3	3	3	0
PHIL 2003 introduction to Philosophy		___	___	___									
ENGL 2103 Literature to the Renaissance		___	___	___									
ENGL 2113 Literature since the Renaissance		___	___	___									
Technical Electives													
CSCE 2004 Programming Foundations I (U of A course)	X	___	___	___				4	4			4	

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

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

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

*The number of hours correspond to the number of hours needed by each degree program.

*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		