

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
BIOL 2234 Microbiology									4	4							
Humanities and Social Science (15-18 hours)																	
US History/Government (3 hours)																	
PLSC 2103 American Government									3	3	3	3	3	3	3	3	3
HIST 2103 U.S. History I																	
HIST 2023 U.S. History II																	
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 U.S. History I																	
HIST 2023 U.S. History II																	
SOCI 2413 Sociology																	
SOCI 2003 Social Problems																	
PLSC 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 2103 introduction to Philosophy																	
ENGL 2213 World Literature I																	
ENGL 2223 World Literature II																	
Technical Electives																	
CSCS 2004 Programming Foundations I (U of A course)		X										4	4			4	

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

*All courses have been evaluated by the University of Arkansas College of Engineering.	BENG	Biological Eng	CVEG	Civil Eng
*Courses taken outside of these courses are not guaranteed to transfer.	BMEG	Biomedical Eng	ELEG	Electrical Eng
*The number of hours correspond to the number of hours need by each degree program.	CHEG	Chemical Eng	INEG	Industrial Eng
*Classes listed in multiple sections will only count in one section.	CompS	Computer Science	MEEG	Mechanical Eng
	CompE	Computer Eng		