

Rich Mountain Community College

Advising Guide

		STEM Prep	Done	Curr	To do	Required for Degree								
						BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
English (6 hours)														
ENG	113 English Composition I		___	___	___	3	3	3	3	3	3	3	3	3
ENG	123 English 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
SPC	203 Oral Communications		___	___	___				3	3				
Mathematics (12 hours)														
MTH	245 Calculus I	X	___	___	___	4	4	4	4	4	4	4	4	4
MTH	255 Calculus II	X	___	___	___	4	4	4	4	4	4	4	4	4
MATH	2574 Calculus II (U of A course)	X	___	___	___	4	4	4		4		4	4	4
Science (16 hours)														
CHM	114 General Chemistry I		___	___	___	4	4	4	4	4	4	4	4	4
CHM	124 General Chemistry II		___	___	___	4	4	4	CHM 124,	CHM 124,	4	CHM 124	CHM 124,	CHM 124,
BIO	104 Biological Science		___	___	___	4	4		BIO 104, or	BIO 104, or		or BIO 104	BIO 104, or	BIO 104, or
PSC	104 Earth Science		___	___	___				PSC 104	PSC 104	4		PSC 104	PSC 104
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	204 Microbiology and Immunology		___	___	___	4	4							
Humanities and Social Science (15-18 hours)														
US History/Government (3 hours)						3	3	3	3	3	3	3	3	3
PSI	103 American National Government		___	___	___									
HIS	213 U.S. History I		___	___	___									
HIS	223 U.S. History II		___	___	___									
Economics (3-6 hours):														
ECN	203 Microeconomics		___	___	___	3	3	3	3	3	3	3	3	3
ECN	213 Macroeconomics		___	___	___								3	
Social Science (3-6 hours)						6	6	6	6	6	6	6	3	6
ANT	213 Cultural Anthropology		___	___	___									
GEO	103 Regional Geography of the World		___	___	___									
HIS	213, 223 U.S. History I or II		___	___	___									
SOC	103 Introduction to Sociology		___	___	___									
SOC	113 Social Problems		___	___	___									
PSI	103 American National Government		___	___	___									
HIS	113, 123 Western Civilization I or II		___	___	___									
PSY	203 General Psychology		___	___	___									
Fine Arts (3 hours)						3	3	3	3	3	3	3	3	3
ART	143 Art Appreciation		___	___	___									
MUS	203 Music Appreciation		___	___	___									
DRA	203 Theatre Arts Appreciation		___	___	___									
Humanities (0-3 hours)						3	3	3	0	0	3	3	3	0
Any intermediate I foreign language			___	___	___									
PHI	203 Philosophy		___	___	___									
ENG	223 World Literature I		___	___	___									
ENG	233 World Literature II		___	___	___									
Technical Electives														
CSC	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 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.

***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		