

Northwest Arkansas Community College

Advising Guide

	STEM Prep	Done	Curr	To do									
English (6 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
ENGL 1013 English Composition I		___	___	___	3	3	3	3	3	3	3	3	3
ENGL 1023 English Composition II		___	___	___	3	3	3	3	3	3	3	3	3
Communications (3-6 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
GNEG 1103 Introduction to Engineering	X	___	___	___	3	3	3	3	3	3	3	3	3
COMM 1303 Public Speaking		___	___	___				3	3				
Mathematics (12 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
MATH 2554 Calculus I	X	___	___	___	4	4	4	4	4	4	4	4	4
MATH 2564 Calculus II	X	___	___	___	4	4	4	4	4	4	4	4	4
MATH 2574 Calculus III		___	___	___	4	4	4		4	4	4	4	4
MATH 2584 Differential Equations		___	___	___	4	4	4		4	4	4	4	4
Science (16 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
CHEM 1104 College Chemistry I		___	___	___	4	4	4	4	4	4	4	4	4
CHEM 1124 College Chemistry II		___	___	___	4	4	4	CHEM 1124,	CHEM 1124,	4	CHEM 1124 or	CHEM 1124,	CHEM 1124,
BIOL 1544 Principles of Biology I		___	___	___	4	4		BIOL 1544 or	BIOL 1544 or		BIOL 1544	BIOL 1544 or	BIOL 1544 or
GEOL 1114 General Geology		___	___	___				GEOL 1114	GEOL 1114	4		GEOL 1114	GEOL 1114
PHYS 2054 Advanced College Physics I	X	___	___	___	4	4	4	4	4	4	4	4	4
PHYS 2074 Advanced College Physics II		___	___	___	4	4	4	4	4		4	4	4
MBIO 2014 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
PLSC 2003 American Government		___	___	___									
HIST 2003, 2013 US History I or II		___	___	___									
Economics (3-6 hours):													
ECON 2013 Macroeconomics		___	___	___	3	3	3	3	3	3	3	3	3
ECON 2023 Microeconomics		___	___	___								3	
Social Science (3-6 hours)					6	6	6	6	6	6	6	3	6
ANTH 1023 Intro to Cultural Anthropology		___	___	___									
GEOG 1123 Human Geography		___	___	___									
HIST 2003, 2013 US History I or II		___	___	___									
PLSC 2203 State and Local Government		___	___	___									
SOCI 2013 General Sociology		___	___	___									
SOCI 2033 Social Problems		___	___	___									
PLSC 2003 American Government		___	___	___									
HIST 1003, 1013 World Civilizations I or II		___	___	___									
PSYC 2003 General Psychology		___	___	___									
Fine Arts (3 hours)					3	3	3	3	3	3	3	3	3
ARHS 1003 Art Appreciation		___	___	___									
MUSI 1003 Music Appreciation		___	___	___									
COMM 1003 Film Arts		___	___	___									
THTR 1003 Intro to Theater		___	___	___									
Humanities (0-3 hours)					3	3	3	0	0	3	3	3	0
Any intermediate I foreign language		___	___	___									
PHIL 2003 Intro to Philosophy		___	___	___									
PHIL 2103 Intro to Ethics		___	___	___									
PHIL 2203 Intro to Logic		___	___	___									
ENGL 2213, 2223 World Literature I or II		___	___	___									
Technical Electives (3-9 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
MEEG 2003 Statics		___	___	___	3							3	3
MEEG 2403 Thermodynamics		___	___	___	3	3	3				3	3	3
PROG 1203 C++ Programming I**		___	___	___				3	3		3	3	
PROG 2203 C++ Programming II**		___	___	___				3	3				
PROG 2303 Web ServerSide Programming		___	___	___				3	3				

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.

** Students will need to take 1 additional credit hour because this is a 3 credit hour course that is equivalent to a 4 credit hour course at the U of A.

***Always check for the most recent version: stemprep.uark.edu

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