

Ozarks Technical Community College Pre-Engineering Advising Guide

Done				Curr				To do				Required for Degree				
English (6 hours)								BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
ENG 100 OR 101 Composition I								3	3	3	3	3	3	3	3	3
ENG 102 Composition II								3	3	3	3	3	3	3	3	3
Communication (3 hours)								BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
COM 100 Intro Comm. or 105 Pub. Speaking											3	3				
Mathematics (8-16 hours)								BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
MTH 140 Analytical Geometry & Calculus I								4	4	4	4	4	4	4	4	4
MTH 141 Analytical Geometry & Calculus II								4	4	4	4	4	4	4	4	4
MTH 240 Analytical Geometry & Calculus III								4		4		4	4	4	4	4
MTH 241 Differential Equations								4	4	4		4	4	4	4	4
Science (10-15 hours)								BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
CHM 160 Gen. Chemistry I								3	3	3	3	3	3	3	3	3
PHY 220 Physics for Engineers/Scientists I								4	4	4	4	4	4	4	4	4
PHY 222 Physics for Engineers/Scientists II								4	4	4	4	4		4	4	4
PHY 110 Introduction to Geology								*					3			
PHY 115 Intro to Astronomy																
Core Requirements (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
PLS 101 American Govt & Politics																
HST 120 OR 130 U.S. History																
Economics (3-6 hours)								3	3	3	3	3	3	3		3
ECO 270 Macroeconomics															3	
ECO 275 Microeconomics															3	
Fine Arts (3 hours)								3	3	3	3	3	3	3	3	3
ART 101 OR 105 Art History																
MUS 105 OR 106 Music Appreciation																
THR 101 Intro to Theater																
Humanities (0-3 hours)								3	3	3	3	3	3	3	3	0
Any intermediate I foreign language																
PHL 101 Intro to Philosophy																
PHL 105 Intro to Ethics																
MUS 101 Music of the World																
ENG 180 Intro to Literature																
ENG 260 OR 265 World Literature																
Other (3 hours)								BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
EGR 201 Statics													3			3
Notes: Refer to courseequivalency.uark.edu for updated information.								BENG	Biological Eng.	CVEG	Civil Eng.					
A number in the box indicates that a course is required, and indicates the number of credit hours. (e.g. "3" for 3 credit hours). If the box is blank, the course is an elective.								BMEG	Biomedical Eng.	ELEG	Electrical Eng.					
*Indicates that the course is a technical elective.								CHEG	Chemical Eng.	INEG	Industrial Eng.					
								Comp S/E	Computer Science/Eng	MEEG	Mechanical Eng.					