



PROGRAM PLANNER - 2024

Name:
ID#:

Major: **PROFESSIONAL DIRECTED STUDIES
ENGINEERING TECHNOLOGY**
Degree: **BACHELOR OF SCIENCE**

TOTAL HOURS REQUIRED FOR THE DEGREE: 154

BIBLICAL EDUCATION (30 hrs)			HRS	GR	TR
Bible (18 hrs)					
BI115	Bible Study/Hermeneutics	(3 hrs)			
BI120	Old Testament Survey	(3 hrs)			
BI130	New Testament Survey	(3 hrs)			
BI343	Genesis	(3 hrs)			
Choose 1:					
BI224	John	OR	(3 hrs)		
BI334	Romans		(3 hrs)		
BI / BL / TH Elective (Choose 3 hrs):					
Theology (12 hrs)					
TH111	Evangelism/Spiritual Life	(3 hrs)			
TH220	Systematic Theology I	(3 hrs)			
TH221	Systematic Theology II	(3 hrs)			
TH222	Systematic Theology III	(3 hrs)			
HOURS COMPLETED:			0		
HOURS NEEDED:			30		

TRANSFER CREDIT FROM:		HRS
Total Transfer Hours:		0

GENERAL EDUCATION (44 hrs)			HRS	GR	TR
COMMUNICATIONS (10 hrs)					
Required:					
COM110	Written Research Practicum	(1 hr)			
EN112	College Composition I	(3 hrs)			
EN113	College Composition II	(3 hrs)			
Communications Elective: (Choose 1)					
COM220	Oral Communications	(3 hrs)			
HUMANITIES (13 hrs)					
Required:					
RP100	Developing a Biblical Worldview	(1 hr)			
RP330	World Religions	(3 hrs)			
Fine Arts: (Choose 1)					
MU110	Music Appreciation	OR	(3 hrs)		
TA341	Christ & Creativity		(3 hrs)		
Literature: (Choose 1)					
		(3 hrs)			
History:					
HP100	Constitutional Exam	(0 hrs)			
(Choose 1) HP221, HP222, HP232, or HP238					
		(3 hrs)			
NATURAL SCIENCES / MATH (9 hrs)					
Required:					
MATH1131	Applied Calculus	(3 hrs)			UCM
PE110	Lifetime Fitness	(1 hr)			
Science:					
CHEM1103	Intro to the Sciences: Chemistry	(3 hrs)			UCM
Required:					
GE100	College Life Seminar	(1 hr)			
Social Sciences:					
ECON1010	Principles of Macroeconomics	(3 hrs)			UCM
Required General Education Courses:					
CIS1600	Business Information Management	(3 hrs)			UCM
CTE2060	Technical Writing	(3 hrs)			UCM
PHYS1101	College Physics I	(4 hrs)			UCM
HOURS COMPLETED:			0		
HOURS NEEDED:			44		

PROFESSIONAL EDUCATION (84 hrs)			HRS	GR	TR
Missions/ Ministry Core (3 hrs req)					
IC111	Intro to Christian Missions	(3 hrs)			
Engineering Technology Major					
<i>* Based on University of Central Missouri program</i>					
Core Requirements: (19 hrs)					
ENGT1000	Principles of Engineering	(3 hrs)			UCM
ENGT1011	Applied Electricity	(4 hrs)			UCM
ENGT3023	Engineering Technology Internship	(1-6 hrs)			UCM
ENGT3520	Engineering Economy	(3 hrs)			UCM
ENGT4580	Quality Systems Engineering	(3 hrs)			UCM
ENGT4110	Engineering Technology Problem Solving	(3 hrs)			UCM
MATH1112	College Trigonometry	(2 hrs)			UCM
Management Requirements: (62 hrs)					
ENGT2600	Lean Enterprises	(3 hrs)			UCM
ENGT3510	Project Management for Engineering Tech	(3 hrs)			UCM
ENGT3530	Inspection & Quality Control	(3 hrs)			UCM
ENGT4750	Lean Six Sigma	(3 hrs)			UCM
ENGT4950	Seminar in Engineering Technology Mgt.	(3 hrs)			UCM
INDM4010	Current Issues in Industry	(3 hrs)			UCM
INDM4015	Legal Aspects of Industry	(3 hrs)			UCM
INDM4210	Industrial Management	(3 hrs)			UCM
INDM4220	Human Factors Engineering	(3 hrs)			UCM
INDM4230	Lean & Quality Management	(3 hrs)			UCM
INDM4240	Facilities Engineering	(3 hrs)			UCM
INDM4260	Organizational Dynamics	(3 hrs)			UCM
INDM4280	Industrial Statistics	(3 hrs)			UCM
SAFE3070	Safety Leadership	(3 hrs)			UCM
Engineering Technology Electives: (20 hrs)					
<i>Choose 20 hours of Department approved Electives</i>					
HOURS COMPLETED:			0		
HOURS NEEDED:			84		

TOTAL HRS COMPLETED:			0		
TOTAL HRS NEEDED:			158		

CM099	Christian Ministry				
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