



PROGRAM PLANNER  
FALL 2025

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

GENERAL EDUCATION (37 hrs)		HRS	GR	TR
<b>COMMUNICATIONS (9 hrs)</b>				
<b>Required:</b>				
EN112	College Composition I (3 hrs)			
EN113	College Composition II (3 hrs)			
<b>Communications Elective: (Choose 1)</b>				
	(3 hrs)			
<b>HUMANITIES (13 hrs)</b>				
<b>Required:</b>				
RP100	Developing a Biblical Worldview (1 hr)			
RP330	World Religions (3 hrs)			
<b>Fine Arts: (Choose 1)</b>				
MU110	Music Appreciation <b>OR</b> (3 hrs)			
TA341	Christ & Creativity			
<b>Literature: (Choose 1)</b>				
	EN201, EN212, EN213 (3 hrs)			
<b>History:</b>				
HP100	Constitutional Exam (0 hrs)			
<b>(Choose 1)</b>				
	HP221, HP222, HP232, HP238 (3 hrs)			
<b>NATURAL SCIENCES / MATH (7 hrs)</b>				
<b>Required:</b>				
PE110	Lifetime Fitness (1 hr)			
MATH1111	College Algebra (3 hrs)			UCM
<b>Science:</b>				
PHYS1103	Intro to the Sciences: Physics (3 hrs)			UCM
<b>SOCIAL / BEHAVIORAL SCIENCES (5 hrs)</b>				
<b>Required:</b>				
GE101	Warrior Seminar (2 hrs)			
<b>Social Sciences:</b>				
SS245	World Geography (3 hrs)			
<b>OTHER Required (3)</b>				
CTE2060	Technical Writing (3 hrs)			UCM
<b>HOURS COMPLETED:</b>		<b>0</b>		
<b>HOURS NEEDED:</b>		<b>37</b>		

Name:  
ID#:

**PROFESSIONAL DIRECTED STUDIES**  
**ENGINEERING DESIGN TECHNOLOGY: CIVIL & ARCHITECTURAL DESIGN TECHNOLOGY**  
**BACHELOR OF SCIENCE**

Total Hours: 148

TRANSFER CREDIT FROM:		HRS
<b>Total Transfer Hours:</b>		<b>0</b>

PROFESSIONAL EDUCATION (81 hrs)		HRS	GR	TR
<b>Missions/ Ministry Core (3 hrs req)</b>				
IC111	Intro to Christian Missions (3 hrs)			
<b>Engineering Design Technology Requirements (54 hrs)</b>				
<i>* Based on University of Central Missouri program</i>				
CADD1100	Orientation to Design / Drafting (1 hr)			UCM
<b>Choose 1 (3 hrs)</b>				
CADD1110	Fundamentals of Drafting <b>OR</b> (3 hrs)			UCM
CTE1300	Introduction to Engineering Design			UCM
<b>Required:</b>				
CADD1170	AutoCAD Applications (3 hrs)			UCM
CADD2100	Sophomore Design / Drafting Seminar (.5 hrs)			UCM
CADD2140	Advanced 3D Modeling (3 hrs)			UCM
CADD2150	Descriptive Geometry for Engineering Tech (3 hrs)			UCM
CADD2160	Structural Design & Detailing (3 hrs)			UCM
CADD2172	MicroStation Applications (3 hrs)			UCM
CADD3022	Internship in Design & Drafting (1-6)			UCM
CADD3100	Junior Design / Drafting Seminar (.5 hrs)			UCM
CADD3170	Design Automation (3 hrs)			UCM
CADD3180	Advanced Structural Design (3 hrs)			UCM
CADD4100	Senior Design / Drafting Seminar (1 hr)			UCM
CADD4160	Computer Graphics & Technical Pres (3 hrs)			UCM
CADD4172	MEP & Industrial Piping Design / Drafting (3 hrs)			UCM
CADD4180	Industrial Design (3 hrs)			UCM
CMGT2020	Statics (3 hrs)			UCM
MATH1112	College Trigonometry (2 hrs)			UCM
<b>Electives (6 Hours)</b>				
INDM4250	Project Management <b>AND</b> (3 hrs)			UCM
CADD4210	Innovations Management for CADD (3 hrs)			UCM
<b>OR</b>				
MGT3315	Management of Organizations <b>AND</b> (3 hrs)			UCM
INDM4260	Organizational Dynamics (3 hrs)			UCM
<b>Electives (Choose 6 hrs)</b>				
CADD4114	Adv Technical Problems in Design/Drafting (1-3)			UCM
CADD4500	Substation Design (3 hrs)			UCM
CMGT4310	Construction Safety (3 hrs)			UCM
CMGT4330	Mechanical systems for Buildings (3 hrs)			UCM
CS1030	Python Programming (3 hrs)			UCM
ENGT1011	Applied Electricity (4 hrs)			UCM
ENGT4120	Hydrology & Drainage Design (3 hrs)			UCM
ENGT4160	Transportation Systems Design (3 hrs)			UCM
ENGT4221	Manufacturing Problem Solving (3 hrs)			UCM
ENGT4750	Lean Six Sigma (3 hrs)			UCM
GEOS4220	Geographic Information Systems (3 hrs)			UCM
<b>HOURS COMPLETED:</b>				
<b>HOURS NEEDED:</b>		<b>57</b>		

Civil & Architectural Design Technology Requirements: (24 hrs)		HRS	GR	TR
CADD1180	Intro to Building Info Modeling (3 hrs)			UCM
CADD3150	Civil Drafting (3 hrs)			UCM
CADD3160	Residential Architectural Drawing (3 hrs)			UCM
CADD4150	Applied Civil Design / Drafting (3 hrs)			UCM
CADD4162	Commercial Architectural Design/ Drafting (3 hrs)			UCM
CADD4175	Design Analysis and 3D Printing (3 hrs)			UCM
CMGT2310	Construction Plans & Specifications (3 hrs)			UCM
<b>Choose 1 (3 hrs)</b>				
CMGT 2340	Surveying & Construction Layout (3 hrs)			UCM
CMGT3030	Building Codes and Code Administration (3 hrs)			UCM
<b>HOURS COMPLETED:</b>				
<b>HOURS NEEDED:</b>		<b>24</b>		

CM099 Christian Ministry		HRS	GR	TR
<b>TOTAL HRS COMPLETED:</b> 0				
<b>TOTAL HRS NEEDED:</b> 148				