

PROGRAM PLANNER - 2024

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)			
<i>Choose 1:</i>				
BI224	John <i>OR</i> (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		

GENERAL EDUCATION (36 hrs)		HRS	GR	TR
COMMUNICATIONS (10 hrs)				
<i>Required:</i>				
COM110	Written Research Practicum (1 hr)			
EN112	College Composition I (3 hrs)			
EN113	College Composition II (3 hrs)			
Communications Elective: (Choose 1)				
HUMANITIES (13 hrs)				
<i>Required:</i>				
RP100	Developing a Biblical Worldview (1 hr)			
RP330	World Religions (3 hrs)			
Fine Arts: (Choose 1)				
MU110	Music Appreciation <i>OR</i> (3 hrs)			
TA341	Christ & Creativity (3 hrs)			
Literature: (Choose 1)				
History:				
HP100	Constitutional Exam (0 hrs)			
History: (Choose 1)				
HP221, HP222, HP232, HP238 (3 hrs)				
NATURAL SCIENCES / MATH (9 hrs)				
<i>Required:</i>				
MA105	Quantitative Reasoning (3 hrs)			
PE110	Lifetime Fitness (1 hr)			
<i>Science: (Choose 5 hrs - class + lab)</i>				
SOCIAL / BEHAVIORAL SCIENCES (4 hrs)				
<i>Required:</i>				
GE100	College Life Seminar (1 hr)			
Social Sciences: (Choose 1)				
HOURS COMPLETED:		0		
HOURS NEEDED:		36		

Name:
ID#:

Major: **PROFESSIONAL DIRECTED STUDIES**
SMAT Airframe & Powerplant Mechanics
Degree: **BACHELOR OF SCIENCE**

TOTAL HOURS REQUIRED FOR THE DEGREE: 126

PROFESSIONAL EDUCATION (60 hrs)		HRS	GR	TR
Missions/ Ministry Core (3 hrs)				
IC111	Intro to Christian Missions (3 hrs)			
Major (57 hrs)				
<i>* In association with the School of Missionary Aviation Technology</i>				
<i>**See PDS Advisor for Professional Education courses</i>				
Mechanics Courses		Hrs	CR	GR
AVG 140	Basic Electricity	81		
AVG 141	Aircraft Drawings	36		
AVG 142	Weight & Balance	40		
AVG 143	Fluid Lines & Fittings	27		
AVG144	Materials & Processes	81		
AVG 145	Ground Operations & Servicing	30		
AVG 146	Cleaning & Corrosion Control	38		
AVG 147	Mathematics	16		
AVG 148	Regulations & Publications	35		
AVG 149	Basic Physics	16		
AVA 150	Sheet Metal & Nonmetallic Struc	158		
AVA 151	Aircraft Coverings & Finishes	48		
AVA 152	Welding	45		
AVA 153	Assembly & Rigging	63		
AVA 154	Airframe Inspection	27		
AVA 155	Aircraft Landing Gear Systems	84		
AVA 156	Hydraulic & Pneumatic Systems	72		
AVA 157	Cabin Atmospheric Control	30		
AVA 158	Aircraft Instrument Systems	18		
AVA159	Comm & Navigation Systems	18		
AVA 160	Aircraft Fuel Systems	36		
AVA 161	Aircraft Electrical Systems	105		
AVA 162	Position & Warning Systems	21		
AVA 163	Ice & Rain Control	12		
AVA 164	Fire Protection Systems	13		
AVA 170	Reciprocating Engines	238		
AVA 171	Turbine Engines & Aux Power	57		
AVA 172	Engine Inspection	12		
AVA 173	Engine Instrument Systems	18		
AVA 174	Engine Fire Protection Systems	5		
AVA 175	Engine Electrical Systems	69		
AVA 176	Lubrication Systems	60		
AVA 177	Ignition & Starting Systems	90		
AVA 178	Fuel Metering Systems	69		
AVA 179	Engine Fuel Systems	12		
AVA 180	Eng Induction, Airflow, & Cool	24		
AVA 181	Engine Exhaust & Reverser Sys	18		
AVA 182	Propellers & Unducted Fans	78		
Subtotal		1900		
Conversion to Semester Hours				
1900 / 45 = 42 (rounded down)				
HOURS COMPLETED:		0		
HOURS NEEDED:		42		

TRANSFER CREDIT FROM:	HRS
Total Transfer Hours:	0

PROFESSIONAL EDUCATION (60 hrs)		HRS	GR	TR			
Major (57 hrs)							
<i>* In association with the School of Missionary Aviation Technology</i>							
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Aviation Flight Training	Dual Airplane	Solo Airplane	Flight Simulator	Flight Hrs	Ground Hrs	Total Hrs	Credits
	Module 1						
Private Pilot Certification		37.2	19.7	1	57.9	120	177.9
Module 2							
VFR Cross Country Experience		7.0	13.0	1.0	21.0	36	57
High Performance Transition		14.6	1.4	1.0	17.0	36	53
Complex Transition		14.6	1.4	1.0	17.0	36	53
Module 3							
Tailwheel Transition		18.5	1.5	1.0	21.0	24	45
High Performance Proficiency		10.4	5.6	1.0	17.0	24	41
Complex Proficiency		10.0	9.0	1.0	20.0	24	44
Module 4							
Advanced VFR Cross Country		16.0			16.0	24	40
Instrument Certification		26.8	5.6	22.6	55.0	90	145
Commercial Pilot Certification		13.8	11.2		25.0	16	41
Totals		168.9	68.4	29.6	266.9	430	696.9
Conversion to Semester Hours					696.9 / 45 = 15 (rounded down)		
HOURS COMPLETED:		0					
HOURS NEEDED:		15					

TOTAL HRS COMPLETED:	0
TOTAL HRS NEEDED:	126

CM099	Christian Ministry
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