

B.S. in Aviation Maintenance Science

Year One

		Credits
AMS 115	Aviation Mathematics and Physics	2
AMS 116	Fundamentals of Electricity	4
AMS 117	Tools, Materials and Processes	4
AMS 118	Aircraft Familiarization and Regulations	2
COM 122	English Composition	3
COM 219	Speech	3
CS 120	Introduction to Computing in Aviation	3
MA 111	Pre-Calculus for Aviation	3
PSY 101	Introduction to Psychology	3
	Lower-Level Humanities Elective	3
Credits Subtotal		30.0
Credits Total:		30.0

Year Two

		Credits
AMS 261	Aircraft Metallic Structures	3
AMS 262	Aircraft Composite Structures	3
AMS 263	General Aviation Aircraft Systems	3
AMS 264	General Aviation Aircraft Electrical and Instrument Systems	3
AMS 365	Transport Category Aircraft Systems	3
AMS 366	Transport Category Aircraft Electrical and Instrument Systems	3
AMS 271	Aircraft Reciprocating Powerplant and Systems	3
AMS 272	Powerplant Electrical and Instrument Systems	3
MA 112	Applied Calculus for Aviation	3
PS 113	Introductory Physics I	3
PS 113L	Introductory Physics I Laboratory	1
Credits Subtotal		31.0
Credits Total:		31.0

Year Three

		Credits
AMS 273	Propeller Systems	2
AMS 274	Aircraft Turbines Powerplants and Systems	4
AMS 375	Repair Station Operations	3
AMS 376	Powerplant Line Maintenance	3
AS 121	Private Pilot Operations	5
AS 221	Instrument Pilot Operations	3
COM 221	Technical Report Writing	3
FA 121	Private Single Flight	1
FA 221	Instrument Single Flight	1
PS 117	Introductory Physics II	3
WX 201	Survey of Meteorology	3
	HU/SS Lower or Upper Level Elective	3
Credits Subtotal		34.0
Credits Total:		34.0

Year Four

		Credits
AMSA 490	Aviation Technical Operations	3
AS 309	Aerodynamics	3

AS 310	Aircraft Performance	3
AS 321	Commercial Pilot Operations	3
AS 350	Domestic and International Navigation	3
AS 357	Flight Physiology	3
FA 321	Commercial Single Flight	1
FA 323	Commercial Multi Add On	1
WX 301	Aviation Weather	3
	Upper-Level Open Electives	6
	Upper-Level Humanities or Social Science Elective	3
Credits Subtotal		32.0
Credits Total:		32.0