

AAS: Agricultural Technology

General Education Requirements (18-19 Credits)			Ag Tech Core Requirements (59 Credits)			Ag Tech Core Specialization (Select 14-16 Credits)		
Prefix	Course Title	Credits	Prefix	Course Title	Credits	Prefix	Course Title	Credits
CG 100	College Survival & Success	3	AG 221	Metals and Welding OR WLD 111 SMAW I	3	ANS 121	Intro to Animal Science -or-	4
MTH 105	Math in Society	4	CAS 170	Beginning Excel	3	HORT111	Introduction to Horticulture	3
COMM 111	Public Speaking	4	DRF 270	3-D Modeling	3	ANS 215	Beef/Dairy Industries -or-	3
WR 121	English Composition	4	ELT 110	Electricity for Non- Electricians I	2	GEO 265	Introduction to GIS	3
PSY 101	Psychology & Human Relations -or- BA285 Human Relations in Organizations	4/3	ELT 111	Electricity for Non- Electricians II	2	ANS 230	Dairy Cattle Evaluation -or-	3
Total Credits		18-19	ELT 125	Basic Programmable Controllers (PC Based)	2	FAS 107	UAS Ground School	2
Degree Information			ELT 126	Intermediate Programmable Controllers (PC Based)	2	MCH 102	Introduction to Manufacturing -or-	3
Category		Credit Total	ELT 201	Electric Motor Controls	2	MCH 121	Machining I	3
General Education Requirements		18-19	ELT 225	Advanced Programmable Controllers (PC Based)	2	IMT 222	Lean Manufacturing and Process Control -or-	3
Ag Tech Core Requirements		59	GT 106	Green Production Practices	3	MCH 220	Machining II	3
Ag Tech Core Specialization		14-16	IMT 100	Introduction to Trades	3	Total Credits		14-16
Total Credits for Degree		91-94	IMT 102	Industrial Safety (OSHA)	4			
			IMT 105	Industrial Hydraulics I	3			
			IMT 118	Bearings, Seals, and Lubrication	3			
			IMT 200	Pumps and Valves	3			
			IMT 204	Introduction to Pneumatics	3			
			IMT 211	Structural Maintenance/Const.	3			
			IMT 220	Proportional Hydraulics	3			
			IMT 230	Techniques of Preventive Maintenance	3			
			IMT 280	Cooperative Work Experience	3			
			WLD 102	Blueprint Reading	4			
			Total Credits		59			