

AAS: Agricultural Technology

General Education Requirements (15-16 Credits)			Ag Tech Core Requirements (61Credits)			Ag Tech Core Specialization (Select 14-16 Credits)				
Prefix	Course Title	Credits	Prefix	Course Title	Credits	Prefix	Course Title	Credits		
MTH 105	Applied Math	4	AG 221	Metals and Welding	3	ANS 121	Intro to Animal Science	4		
COMM 111	Public Speaking	4	ANS 122	Large Animal Handling, Welfare, and Nutrition	3		-or-			
WR 121	English Composition	4	CAS 170	Beginning Excel	3	HORT111	Introduction to Horticulture	3		
PSY 101	Psychology & Human Relations -or- BA285 Human Relations in Organizations	4/3	CG 100	College Survival & Success	3	ANS 215	Beef/Dairy Industries	3		
Total Credits		15-16	DRF 270	3-D Modeling	3		-or-			
			ELT 110	Electricity for Non- Electricians I	2	GEO 265	Introduction to GIS	3		
<b>Degree Information</b>			ELT 111	Electricity for Non- Electricians II	2	ANS 230	Dairy Cattle Evaluation	3		
<b>Category</b>		<b>Credit Total</b>	ELT 125	Basic Programmable Controllers (PC Based)	2		-or-			
General Education Requirements		15-16	ELT 126	Intermediate Programmable Controllers (PC Based)	2	FAS 107	UAS Ground School	2		
Ag Tech Core Requirements		61	ELT 225	Advanced Programmable Controllers (PC Based)	2	MCH 102	Introduction to Manufacturing	3		
Ag Tech Core Specialization		14-16	GT 106	Green Production Practices	3		-or-			
<b>Total Credits for Degree</b>		<b>90-93</b>	IMT 100	Introduction to Trades	1	MCH 121	Machining I	3		
<p><b>MTH and WR courses must be passed with a "C" or better.</b></p> <p><b>Maximum of 3 credits of PE credit allowed for an AAS degree.</b></p> <p><b>Maximum of 24 credits of "P" credit allowed for an AAS degree.</b></p>			IMT 102	Industrial Safety (OSHA)	4	IMT 222	Lean Manufacturing and Process Control	3		
			IMT 105	Industrial Hydraulics I	3		-or-			
			IMT 118	Bearings, Seals, and Lubrication	3	MCH 220	Machining II	3		
			IMT 200	Pumps and Valves	3	<b>Total Credits</b>		<b>14-16</b>		
			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					
			<b>Total Credits</b>		<b>61</b>					

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