Agriculture · Agri-Business E-Degree

Semester Course Outline · 2023 – 2024
20 Months (4 Semesters, 1 Summer Session) • **Revised: 1/13/23**
Associate of Applied Science (A.A.S.) Degree • **Credits Required for Graduation: 77**

First Year – Fall Semester

Course Number	Course Title	Clock Hours	Credits
AG 100	Soil Science	45	3
AG 102	Crop Science	45	3
AGR 105	Ag Safety	28	1
AGR 110	Animal Science	45	3
AGR 233	Commodity Futures and Options	45	3
CSC 102	Window Applications for Technicians	45	3
● Selected Communications Course (Choose one) 　CMST 101 – Fundamentals of Speech * (CSS 100 – Career Search Strategies .5 credit) 　COMM 101 – Communications and Career Strategies 　ENGL 101 – Composition * (CSS 100 – Career Search Strategies .5 credit)		45	3
	Total	298	19
Optional Courses Available			
CDL 100	CDL Written Preparation	15	1
CDL 105	CDL Vehicle Inspection	28	1
CDL 110	CDL Drivers Training	56	2

First Year – Spring Semester

Course Number	Course Title	Clock Hours	Credits
AG 122	Fertilizers	45	3
AG 124	Ag Chemicals	45	3
AGR 118	Soil and Water Management	45	3
AGR 163	Principles of Selling	45	3
AGR 165	Business Supervised Occupational Experience I	360	6
● Selected Mathematics Course (Choose one) 　MATH 100 – Applied General Math 　MATH 101 – Intermediate Algebra 　MATH 114 – College Algebra *		45	3
	Total	585	21

First Year – Summer Session

Course Number	Course Title	Clock Hours	Credits
AGR 167	Business Supervised Occupational Experience II	300	5
	Total	300	5

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Second Year – Fall Semester

Course Number	Course Title	Clock Hours	Credits
AG 214	Ag Chemical Equipment	30	2
AGR 120	Seed and Grain Technology	56	2
AGR 236	Business Management I	45	3
ACCT 210	Principles of Accounting I	45	3

● Selected Behavioral Science Course (Choose one)
   PSYC 100 – Psychology of Human Relations
   PSYC 101 – General Psychology *
		45	3

	Total	307	17
Choose two (2) of the following:			
AG 200	Animal Nutrition	30	2
AGR 202	Livestock Nutrition Problems	56	2
AGR 215	Advanced Fertilizers, Soils, and Waste Management	45	3

Second Year – Spring Semester

Course Number	Course Title	Clock Hours	Credits
AG 247	Business Supervised Occupational Experience III	360	6
AGR 237	Business Law/Supervision	45	3
ECON 201	Principles of Microeconomics I	45	3
Choose two (2) of the following:			
AGR 162	Co-op Principles	30	2
AGR 170	Dairy Science	45	3
AGR 204	Animal Health II	45	3
AGR 210	Forages and Grasses	45	3
AGR 212	Plant Diseases/Insect ID and Control	45	3
AGR 239	Microsoft Excel for Ag	28	1
AGR 252	Advanced Nutrition	45	3
	Total	508	15

All optional courses not listed on your current program semester outline must be approved by your adviser and appropriately identified on the current semester outline of any Ag option.

● Students will select a course in each of the areas listed to meet general education requirements. Courses marked with an asterisk (*) can be transferred directly to the university system. Students should speak with an advisor before doing so.

Students who select to take transferable communications course CMST 101 or ENGL 101, must also register for CSS 100 – Career Search Strategies for .5 credit. This curriculum is required for all Lake Area Tech graduates and is included in the COMM 101 course but is separate from the university system.