

Agriculture Agri-Production Option



Semester Outline

18 Months Credits Required for Graduation: 73
Associate of Applied Science (A.A.S.) Degree

2009 – 2010 Revised: 6/09

First Year – Fall Semester

Course Number	Course Title	Clock Hours	Credits
AG 100	Soil Science	66	3
AG 102	Crop Science	50	3
AGR 110	Animal Science	66	3
AED 100	Automated External Defibrillator	14	.5
CIS 102	Windows Applications for Technicians	48	3
HAZ 100	Hazardous Materials Safety	14	.5
• Selected Behavioral Science Course		48	3
• Selected Communications Course		48	3
• Selected Mathematics Course		48	3
Total		402	22

Second Year – Spring Semester

Course Number	Course Title	Clock Hours	Credits
AG 106 or AG 122	Animal Health I or Fertilizers	50	2
AG 126	Weed Management	50	2
AG 135	Farm Power/Engines	25	1
AG 136	Advanced Farm Power	50	2
AG 158	Farm/Ranch Records	50	2
AGR 156	Farm Management I	50	2
AGR 169	Production Supervised Occupational Experience I (SOE)	240	4
Total		515	15

Second Year – Fall Semester

Course Number	Course Title	Clock Hours	Credits
AG 130	Building Principles	25	1
AG 132	Ag Structures	50	2
AG 200	Animal Nutrition	50	2
AG 221	Machinery Management	50	2
AGR 222	Farm Machinery Lab	25	1
AGR 230	Farm Accounting II	50	2
AGR 232	Farm Management II	50	2
AGR 233	Commodity Futures and Options	50	2
AGR 250	Computer Software Applications for Agriculture	50	2
• Selected Social Science Course		48	3
<i>Choose at least two (2) courses from the following:</i>			
AG 122	Fertilizers	50	2
AG 214	Ag Chemical Equipment	50	2
AG 224	Facilities	50	2
AGR 120	Seed and Grain Technology	50	2
AGR 170	Dairy Science	50	2
AGR 202	Livestock Nutrition Problems	50	2
AGR 219	Precision Farming/Data Collection	84	3
Total		548	21

Agri-Production Option

Second Year – Spring Semester

Course Number	Course Title	Clock Hours	Credits
AG 216	Farm Power/Electrical Wiring	25	1
AG 218	Advanced Electric Wiring	50	2
AG 226	Commodity Marketing	50	2
AGR 249	Production Supervised Occupational Experience II (SOE)	240	4
<i>Choose at least two (2) courses from the following:</i>			
AG 124	Ag Chemicals	50	2
AGR 162	Co-op Principles	50	2
AGR 204	Animal Health II	50	2
AGR 210	Forages and Grasses	50	2
AGR 212	Plant Diseases/Insect ID and Control	50	2
AGR 252	Advanced Nutrition	50	2
Total		465	13

- 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 under the terms of articulation agreements and may be substituted for recommended courses on the outline. Students should speak with an advisor before doing so.

Behavioral Science

[PSYC 100](#) – Psychology of Human Relations
[PSYC 101](#) – General Psychology *

Mathematics

[MATH 100](#) – Applied General Math
[MATH 101](#) – Intermediate Algebra
[MATH 102](#) – College Algebra *

Communications

[COMM 101](#) – Contemporary Communication
[ENGL 101](#) – Composition *
[SPCM 101](#) – Fundamentals of Speech *

Social Science

[ECON 105](#) – Leadership in the Global Workplace
[ECON 201](#) – Principles of Microeconomics I *
[ECON 202](#) – Principles of Macroeconomics II *