

# 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
<a href="#">AG 100</a>	Soil Science	66	3
<a href="#">AG 102</a>	Crop Science	50	3
<a href="#">AGR 110</a>	Animal Science	66	3
<a href="#">AED 100</a>	Automated External Defibrillator	14	.5
<a href="#">CIS 102</a>	Windows Applications for Technicians	48	3
<a href="#">HAZ 100</a>	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
<a href="#">AG 106</a> or <a href="#">AG 122</a>	Animal Health I or Fertilizers	50	2
<a href="#">AG 126</a>	Weed Management	50	2
<a href="#">AG 135</a>	Farm Power/Engines	25	1
<a href="#">AG 136</a>	Advanced Farm Power	50	2
<a href="#">AG 158</a>	Farm/Ranch Records	50	2
<a href="#">AGR 156</a>	Farm Management I	50	2
<a href="#">AGR 169</a>	Production Supervised Occupational Experience I (SOE)	240	4
Total		515	15

### Second Year – Fall Semester

Course Number	Course Title	Clock Hours	Credits
<a href="#">AG 130</a>	Building Principles	25	1
<a href="#">AG 132</a>	Ag Structures	50	2
<a href="#">AG 200</a>	Animal Nutrition	50	2
<a href="#">AG 221</a>	Machinery Management	50	2
<a href="#">AGR 222</a>	Farm Machinery Lab	25	1
<a href="#">AGR 230</a>	Farm Accounting II	50	2
<a href="#">AGR 232</a>	Farm Management II	50	2
AGR 233	Commodity Futures and Options	50	2
<a href="#">AGR 250</a>	Computer Software Applications for Agriculture	50	2
• Selected Social Science Course		48	3
<i>Choose at least two (2) courses from the following:</i>			
<a href="#">AG 122</a>	Fertilizers	50	2
<a href="#">AG 214</a>	Ag Chemical Equipment	50	2
<a href="#">AG 224</a>	Facilities	50	2
<a href="#">AGR 120</a>	Seed and Grain Technology	50	2
<a href="#">AGR 170</a>	Dairy Science	50	2
<a href="#">AGR 202</a>	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
<a href="#">AG 216</a>	Farm Power/Electrical Wiring	25	1
<a href="#">AG 218</a>	Advanced Electric Wiring	50	2
AG 226	Commodity Marketing	50	2
<a href="#">AGR 249</a>	Production Supervised Occupational Experience II (SOE)	240	4
<i>Choose at least two (2) courses from the following:</i>			
<a href="#">AG 124</a>	Ag Chemicals	50	2
<a href="#">AGR 162</a>	Co-op Principles	50	2
<a href="#">AGR 204</a>	Animal Health II	50	2
<a href="#">AGR 210</a>	Forages and Grasses	50	2
<a href="#">AGR 212</a>	Plant Diseases/Insect ID and Control	50	2
<a href="#">AGR 252</a>	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 \*

#### Communications

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

#### Mathematics

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

#### Social Science

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