

**Highland Community College Suggested Program of Study
Farm and Ranch Management (Associate in Applied Science)**

The Farm and Ranch program is developed to provide individuals with career opportunities in farm and ranch management including production, marketing, self-employment as farmers and ranchers, management of farms and ranches, consulting firms, and governmental research and service activities. Courses designed in this curriculum aid the individual in developing a broad background of agriculture skills in areas of animal science, agronomy, and agriculture economics as well as essential business skills. Emphasis areas in the Farm and Ranch Management Program are Cow-Calf or Swine Management and Feedlot Management.

Course Number	Course Name	Credit Hour
<u>Basic Skills</u>		
AB 114	Agriculture Orientation*	2
AB 227	Agriculture Microcomputer I*	3
ENG 101	College English I	3
ENG 102	College English II or	
SP 106	Public Speaking or PE Elective	1
<u>Humanities</u>		
	Humanities Elective	3
<u>Social & Behavioral Science</u>		
BUS 203	Macroeconomics**	3
<u>Mathematics or Science</u>		
	Math or Science Elective	3
<u>Farm & Ranch Management Requirements</u>		
AB 108	Principles of Animal Science*	3
AB 202	Agriculture Economics I*	3
AB 203	Soils w/Lab*	4
AB 207	Fundamentals of Animal Nutrition*	3
AB 208	Applied Animal Nutrition*	3
AB 210	Crop Science w/Lab*	4
AB 216	Marketing Farm Products*	3
BUS 116	Introduction to Accounting*	3
<u>Technical Electives</u> (must take 4 credits*)		
AB 220	Beef Production	3
AB 224	Range Management	3
AB 225	Animal Diseases and Health	3
<u>Open Electives</u>		
	Open Electives	12

*Fulfills Farm & Ranch Management requirements.

**Preferred course to fulfill degree.

Potential Employment Applications of Degree

Farm Managers oversee and make decisions on the total farming operations for landowners. They plan and implement activities, keep records, manage a farm or farms for landowners, banks, or companies, analyze market conditions, manage credit and operating capital, purchase equipment and supplies, hire workers and contract for work to be done, and handle funds from the sale of products.

