

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

The Farm and Ranch Management program with the Feedlot option provides individuals the opportunity to seek careers in red meat production. Kansas ranks second in the nation with cattle on feed, cattle and calves on farms, and red meat production by commercial slaughter plants. The U.S. Department of Agriculture ranks Kansas as the number one state with regard to the number of cattle slaughtered with 17.1% of all cattle processed in this country. Numerous opportunities are available for the student with training in areas of animal nutrition, livestock production, animal health, and basic business skills to meet the needs of this vast industry.

Course Number	Course Name	Credit Hour
<u>Basic Skills</u>		
AB 114	Agriculture Orientation*	2
AB 227	Agriculture Microcomputer Applications I*	3
ENG101	College English I	3
ENG102	College English II	3
SP 106	Public Speaking	3
	PE Elective	1
<u>Humanities</u>		
	Humanities Elective	3
<u>Social & Behavioral Science</u>		
	Social Science Elective	3
<u>Mathematics or Science</u>		
	Math or Science Elective	3
<u>Feedlot 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
BUS116	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	4

*Fulfills Farm & Ranch Management (Feedlot Emphasis) requirements.

Potential Employment Applications of Degree

Feedlot managers oversee and make decisions on the total feedlot operation for cattle owners. They plan and implement activities, keep records, manage cattle, 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 cattle.