

Highland Community College Suggested Program of Study
Farm and Ranch MGT-Cow-Calf or Swine Emphasis (Associate in Applied Science)

Cow-Calf and Swine options are designed for the individual who would like to enter farming or ranching, or managing a livestock enterprise dealing with beef or swine. Types of livestock enterprises include: cow-calf operations, back grounding cattle, farrow-finishing operations, or swine finishing floors.

Course Number	Course Name	Credit Hour
<u>Basic Skills</u>		
AB 114	Agriculture Orientation*	2
AB 227	Agriculture Microcomputer I*	3
ENG101	College English I	3
ENG102	College English II or	
SP 106	Public Speaking	
	PE Elective	1
<u>Humanities</u>		
	Humanities Elective	3
<u>Social & Behavioral Science</u>		
	Social Science Elective**	3
<u>Mathematics or Science</u>		
BS 101	College Biology***	5
<u>Cow-Calf or Swine Requirements</u>		
AB 108	Principles of Animal Science*	3
AB 202	Agriculture Economics*	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	10

*Fulfills Farm & Ranch Management (Cow-Calf or Swine Emphasis) requirements.

**Recommend BUS 203 Macroeconomics

***Preferred course to fulfill degree.

Potential Employment Applications of Degree

Farm and Ranch Managers oversee and make decisions on the total farming operation 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.