

## **FARM AND RANCH MANAGEMENT**

### **Associate of Applied Science, 63 Credit Hours, 18-Month Program**

This four-semester Associate of Applied Science degree program will prepare students who plan to run family farms and ranches and those who wish to enter industries that support agriculture, including equipment sales and others. This program includes classroom theory and hands-on experience that allows students to practice what they learn in the classroom. Students will visit farm and ranch operations and support businesses to apply what they learn.

<b>Course No.</b>	<b>Course Title</b>	<b>Credits</b>
<b>General Education Requirements</b>		
CIS 105	MICROCOMPUTER SOFTWARE APPLICATIONS I	3
ECON 202	PRINCIPLES OF MACROECONOMICS <i>online</i>	3
ENGL 101	COMPOSITION* <i>or</i>	3
ENGL 106	WORKPLACE COMMUNICATIONS I	
MATH 100	ELEMENTARY ALGEBRA** <i>or higher</i>	3
PSYC 101	GENERAL PSYCHOLOGY <i>or</i>	3
PSYC 103	HUMAN RELATIONS IN THE WORKPLACE	
	<b>Total</b>	<b>15</b>
<b>Technical Requirements</b>		
ACCT 120	PRINCIPLES OF ACCOUNTING I	3
AG 108	AGRICULTURE INDUSTRY	3
AG 120	AGRONOMY & FORAGE/PASTURE MANAGEMENT	3
AG 130	INTRODUCTION TO ANIMAL SCIENCE	3
AG 132	FARM AND RANCH MANAGEMENT	3
AG 134	COMPUTERS IN AGRICULTURE	3
AG 220	BEEF CATTLE PRODUCTION	3
AG 222	CATTLE REPRODUCTION	3
AG 228	AGRICULTURAL POWER UNITS	3
AG 230	ENTOMOLOGY	3
AG 234	PRINCIPLES OF FEEDS AND FEEDING	3
AG 299	INTERNSHIP	4
BUS 140	BUSINESS LAW	3
BUS 224	PERSONAL FINANCE	3
BUS 233	SMALL BUSINESS ENTREPRENEURSHIP	3
WDM 100	WELDING & FABRICATION FOR GENERAL APPLICATIONS	2
	<b>Total</b>	<b>48</b>

\*Prerequisite: Acceptable ACCUPLACER score or Basic Writing.

\*\*Prerequisite: Acceptable ACCUPLACER score or Basic Math.

Program is Pending HLC Approval

### Semester Breakdown AAS

<b>First Semester</b>			<b>Second Semester</b>		
		<b>CR</b>			<b>CR</b>
ACCT 120	Principles of Accounting I	3	AG 130	Introduction to Animal Science	3
AG 108	Agriculture Industry	3	AG 132	Farm and Ranch Management	3
AG 120	Agronomy & Forage/Pasture Management	3	AG 134	Computers in Agriculture	3
CIS 105	Microcomputer Software Applications I	3	MATH100	Elementary Algebra* <i>or higher</i>	3
ENGL101	Composition* <i>or</i>	3	PSYC 101	General Psychology <i>or</i>	3
ENGL106	Workplace Communications I		PSYC 103	Human Relations in the Workplace	
<b>Total Credit Hours</b>		<b>15</b>	<b>Total Credit Hours</b>		<b>15</b>
<b>Third Semester</b>			<b>Fourth Semester</b>		
		<b>CR</b>			<b>CR</b>
AG 220	Beef Cattle Production	3	AG 230	Entomology	3
AG 222	Cattle Reproduction	3	AG 234	Principles of Feeds and Feeding	3
AG 228	Agricultural Power Units	3	AG 299	Internship	4
BUS 140	Business Law	3	BUS 233	Small Business Entrepreneurship	3
BUS 224	Personal Finance	3	ECON 202	Principles of Macroeconomics <i>online</i>	3
WDM 100	Welding & Fabrication for General Applications	2			
<b>Total Credit Hours</b>		<b>17</b>	<b>Total Credit Hours</b>		<b>16</b>