FARM AND RANCH MANAGEMENT

Associate of Applied Science, 64 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.

Course	No.	Course Title	Credits
		General Education Requirements	
CIS	105	MICROCOMPUTER SOFTWARE APPLICATIONS I	3
ECON	202	PRINCIPLES OF MACROECONOMICS *online*	3
ENGL	101	COMPOSITION* *or*	3
ENGL	106	WORKPLACE COMMUNICATIONS I*	
MATH	100	ELEMENTARY ALGEBRA** *or higher*	3
PSYC	101	GENERAL PSYCHOLOGY *or*	3
PSYC	103	HUMAN RELATIONS IN THE WORKPLACE	
		Total	**15**
		Technical Requirements	
ACCT	120	PRINCIPLES OF ACCOUNTING I	3
AG	110	FUNDAMENTALS IN SOIL SCIENCE	2
AG	115	INTRODUCTION TO AGRONOMY & PLANT SCIENCE	3
AG	130	INTRODUCTION TO ANIMAL SCIENCE	3
AG	132	FARM AND RANCH MANAGEMENT	3
AG	140	RANGE AND PASTURE MANAGEMENT	3
AG	220	BEEF CATTLE PRODUCTION	3
AG	222	CATTLE REPRODUCTION	3
AG	234	PRINCIPLES OF FEEDS AND FEEDING	3
AG	250	AGRICULTURAL LAW AND CONTRACTS	2
AG	255	AGRICULTURAL ECONOMICS	3
AG	299	INTERNSHIP	4
BUS	140	BUSINESS LAW	3
BUS	224	PERSONAL FINANCE	3
BUS	233	SMALL BUSINESS ENTREPRENEURSHIP	3
DT	115	PREVENTATIVE MAINTENANCE	3
WDM	100	WELDING & FABRICATION FOR GENERAL APPLICATIONS	2
		Total	**49**

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

Semester Breakdown AAS

First Semester		CR	Second Semester		CR
ACCT 120	Principles of Accounting I	3	AG 130	Introduction to Animal Science	3
AG 110	Fundamentals in Soil Science	2	AG 132	Farm and Ranch Management	3
AG 115	Introduction to Agronomy & Plant Science	3	AG 140	Range and Pasture Management	3
CIS 105	Microcomputer Software Applications I	3	ECON 202	Principles of Macroeconomics *online*	3
ENGL101	Composition *or*	3	MATH100	Elementary Algebra *or higher*	3
ENGL106	Workplace Communications I				
PSYC 101	General Psychology or	3			
PSYC 103	Human Relations in the Workplace				
	Total Credit Hours	**17**		**Total Credit Hours**	**15**
Third Semester		**CR**	**Fourth Semester**		**CR**
AG 220	Beef Cattle Production	3	AG 234	Principles of Feeds and Feeding	3
AG 222	Cattle Reproduction	3	AG 250	Agricultural Law and Contracts	2
BUS 140	Business Law	3	AG 255	Agricultural Economics	3
BUS 224	Personal Finance	3	AG 299	Internship	4
DT 115	Preventative Maintenance	3	BUS 233	Small Business Entrepreneurship	3
WDM 100	Welding & Fabrication for General Applications	2			
	Total Credit Hours	**17**		**Total Credit Hours**	**15**