

Curriculum Map

Animal Science		CERT A: Beef Feedlot Production									
Program Outcomes: Upon completion of the program, graduates will be able to...	Employability Skills	demonstrate knowledge of the history of agriculture and animal industries in the United States	describe the role of nutrition in animal performance and well-being	extrapolate the role of anatomy, physiology and hormonal influence that affects reproduction in farm animal livestock.	explain the difference between a ruminant and non-ruminant digestive system.	differentiate the differences and roles of genetics and heritability in livestock performance.	describe desirable and undesirable traits of meat animal carcasses used to fabricate into retail cuts.	describe the differences in origin and species background to characterize different breeds of livestock used in animal production.	explain the impact that animal handling has on performance and yield of livestock.	discuss the importance of the broiler and egg industries into American Agriculture.	note the value of exported food animal products to countries around the world.
Courses											
AGRI 100 - Agriculture in our Society	C	IRMA									
ANSI 101 -Animal Diseases & Health	CP	IR	IRMA	IR	IR	IR		IR	IR		IR
ANSI 102 - Principles of Animal Science	CP	IR	IRMA	IR	IRMA	IR	IR	IR	IRMA	IRMA	IRMA
ANSI 103 - Animal Science & Industry Lab	CP	IR	IRMA	IR	IRMA	IR	IR	IR	IRMA	IRMA	IRMA
ANSI 104 - Commercial Feedlot Operations	CP	IR	IR	IR	IR	IR	IR	IR	IR		IR
ANSI 105 - Beef Production	P	IR	IR	IR	IR	IR	IR	IR	IR		IR
ANSI 107 - Principles of Feeding	P	IR	IR	IR	IR	IR	IR	I	I		I
ANSI 213- Animal Welfare & Handling	CPW	IR	IR						IRMA		
ANSI 220- Animal Nutrition	CP	RMA	RMA		RMA						

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Mapping	
I	Introduced
R	Reinforced
M	Mastered
A	Assessed/Artifact

Essential Skills	
1	written communication
2	oral communication
3	critical thinking
4	cultural diversity
5	social responsibility

P	problem solving
W	work ethic