

Course Outcome Guide (COG)

Course:	ANSC 231 – Livestock Evaluation	Credits:	3	Instructor:	Jessalyn Bachler
Course Description:	Visual and performance data evaluation of breeding and slaughter classes of the major meat producing livestock.				
Concepts and Issues	Process Skills	Assessment Tasks	Intended Outcomes		
			Course	General Education or Program	Institutional
<ul style="list-style-type: none"> • Sheep, swine, and, beef external parts • Sheep, swine, and, beef wholesale cuts • Sheep, swine, and, beef carcass traits • Sheep, swine, and, beef ideal market and breeding animal • Sheep, swine, and, beef Expected Progeny Differences (EPD) 	<ul style="list-style-type: none"> • Identify the external parts of the sheep, swine, and beef animal • Identify the wholesale cuts and locations of those cuts from sheep, swine, and beef • Identify the parts and characteristics of the sheep, swine, and beef carcasses • Determine the ideal market animal for each species • Determine the ideal breeding animal for each species • Define and evaluate EPDs • Demonstrate the importance of evaluating EPDs and other data in the livestock industry 	<ol style="list-style-type: none"> 1.) Complete textbook readings, questions, and problems demonstrating mastery of both concepts and process skills. 2.) Complete examinations demonstrating mastery of both concepts and process skills. 3.) Complete written/oral identification and justification for evaluation (and decision-making) of genetic data, carcass, and live placement for each species of livestock. 	<ol style="list-style-type: none"> 1.) Awareness of current, acceptable standards of conformation and performance for livestock. 2.) Develop a working vocabulary of the anatomy of each species. 3.) Identify traits of economic importance for genetic improvement of livestock species. 	<ol style="list-style-type: none"> 1.) Lifelong learning (or realization that learning is a continuous process of evaluation and reevaluation). 2.) Critical thinking (or the ability to identify and define criteria understand biases, and construct objective judgments). 3.) Analogical thinking (or using former knowledge and experience to help comprehend and explain new situations). 	<ol style="list-style-type: none"> 1.) Students will demonstrate effective communication skills. 2.) Students will use reasoning skills to analyze and solve problems.