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| **(ANSC B96)** | | | | |
| **Student Learning Outcomes or AUO** | **Measure** | **PLO** | **ILO** | **GE** |
| 1. Analyze knowledge of and ability to apply regulations regarding radiation and radiology safety (including diagnostic imaging). | Pre-test/ Post-test |  | I,III | N/A |
| 2. Compare and contrast various manual, mechanical, and chemical restraints for diagnostic imaging. | Pre-test/ Post-test |  | I,III | N/A |
| 3. Evaluate and demonstrate knowledge of procedures to prepare patients for imaging (e.g., radiography and ultrasonography), to safely obtain diagnostic images; to process radiographic film, and to maintain imaging equipment. | Pre-test/ Post-test |  | I,III | N/A |
| 4. Evaluate radiographs, ultrasound, and electrocardiograms. | Pre-test/ Post-test |  | I,III | N/A |
| 5. Analyze, discern and apply positioning techniques for properly performing imaging procedures. | Pre-test/ Post-test |  | I,III | N/A |
| **PLOs: Animal Science**  1. Demonstrate AI procedures, proper record keeping in the field of animal science, and skills in day to day animal production such as proper care, feeding, and reproduction.  2. Be able to practice proper basic principles of animal safety, evaluate performance such as growth and feed conservation.  3. Demonstrate specific skills in animal science such as production, genetics, and nutrition within the animal science discipline needed for employment.  4. Identify conformation qualities in cattle, sheep, and swine.  **ILOs:**   1. **Think critically and evaluate sources and information for validity and usefulness.** 2. **Communicate effectively in both written and oral forms.** 3. **Demonstrate competency in a field of knowledge or with job-related skills.** 4. **Engage productively in all levels of society – interpersonal, community, the state and nation, and the world.**   **GELOs:**  **Use the GE categories from the catalog if this is a GE course.**  **A-E** | | | | |