

BERGEN COMMUNITY COLLEGE

**Assessment Report for (Department and/or Program):
Veterinary Technology**

**Academic Chair:
Harriet Terodemos**

**Assessment Period:
2011-2013**

Submitted by:

Harriet Terodemos

1. Intended Outcome (Goal):

- A. Students will create a functional technique chart for use in the veterinary radiology laboratory.**
- B. 80 percent of graduates will pass the Veterinary technician National exam (VTNE)**

2. General Education Requirement(s) to which the intended outcome relates:

**Quantitative Knowledge and Skills (Mathematics)
Scientific Knowledge and Reasoning
Technological Competency**

3. Section(s) of the Strategic Plan to which the intended outcomes relates:

Goal 1.2 – Take steps to increase the number of students who graduate or transfer in a timely fashion.
Goal 1.1 – Take steps to increase student retention and student progression through academic programs.

4. Means of assessment, sources of data, and desired result:

- A. Creation of a rubric for a functional technique chart. Students will receive a passing score of 80%**
- B. Summary data from the VTNE**

Veterinary Technology
Radiographic Technique Chart Rubric

- The student followed standard radiographic safety procedures as defined in the textbook (10 points)
- The student assured that the processing chemicals were fresh (5 points)
- If using an automatic processor, the student assured the chemical processing temperature was correct (5 points)
- The student maintained the same focal film distance of 36-40 inches for each radiographic projection, throughout the duration of the task (5 points)
- The student chose a phantom limb to radiograph. The student understands that they are creating a technique chart for bone, as opposed to other tissues (thorax, abdomen)(5 points)
- The student used the calipers to measure the limb over the highest point of the limb (5 points)
- Using Sante's Rule, The student determined the appropriate Kvp (10 points)
- The student selected an appropriate mAs for the tissue being radiographed (10 points)
- Using a 14 x 17 cassette, the student placed the cassette on the x-ray table and directly underneath phantom limb(5 points)
- The student processed the film (10 points)
- The student evaluated the film and determined if the film was too light or too dark (10 points)
- If the film was not diagnostic the student corrected the values according to the textbook and obtained another radiograph (10 points)
- The student developed a technique chart for bone based on these initial results (10 points)

5. Summary of Results:

6. Recommendations for improvement: