

Report : Assessment Cycle Details for : Veterinary Technology

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Workspace : Program Assessment Plans

Assessment Plan: 2018-2020 Assessment Cycle: Assessment Plan and Assessment Findings

Assessment Plan Template: Academic Program Assessment Plan Template

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## Measures and Findings

### *Veterinary Technology Outcome Set (2018-2020)*

#### Outcome

##### **SLO 1**

*Demonstrate the use of critical thinking skills to solve problems in discipline-specific situations.*

##### **Measure**

*Measure 1 (SLO 1)*

##### **DIRECT - OTHER**

##### **Course Alignment:**

VETT 2100

##### **Acceptable Target:**

At least 80% of Veterinary Technology Students will successfully respond to and support an emergency with a score of 3 or higher on the essential skill task.

##### **Measure Description:**

Essential Task Handbook – Page 23 – Emergency Support

##### **Findings**

*for Measure 1 (SLO 1)*

##### **Summary of Findings:**

100% of students successfully completed objective.  
(22 total students: 22 passed, 0 failed)

##### **Target Achievement:**

Exceeded

##### **Analysis of Results:**

Students perform this task in the clinic setting and some students have more clinical experience than others at this point and less time on task dealing with emergency situations. Also, some clinics may have more critical care situations than others. Faculty encourage students who do not have as much experience to analyze their clinic experience and assess whether it is the right fit for the program or to potentially volunteer at other clinics to get additional experience.

## ***Measure***

### *Measure 2 (SLO 1)*

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#### **DIRECT - OTHER**

#### **Course Alignment:**

VETT 2200

#### **Acceptable Target:**

At least 80% of Veterinary Technology students will properly collect and perform analysis of lab specimens with a score of 4 or higher on the essential skill task.

#### **Measure Description:**

Final Evaluation – Page 2 – Laboratory Procedures/Testing

## ***Findings***

### *for Measure 2 (SLO 1)*

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#### **Summary of Findings:**

94.7% of students successfully completed objective.  
(19 total students: 18 passed, 1 failed)

#### **Target Achievement:**

Exceeded

#### **Analysis of Results:**

Most students excelled with this activity in the clinic setting. Faculty felt that classroom-based teaching and learning is strong but students could benefit from more hands-on learning with their instructors in the classroom or lab setting as well. Faculty noted the need for additional space on campus to further reinforce analysis of lab specimen collection.

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## **SLO 2**

*Apply effective written and verbal communication skills within the practice setting.*

## ***Measure***

### *Measure 1 (SLO 2)*

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#### **DIRECT - OTHER**

#### **Course Alignment:**

VETA 2100

#### **Acceptable Target:**

At least 80% of Veterinary Technology Students will utilize appropriate interpersonal and public relations skills with a score of 4 or higher on the essential skill task.

#### **Measure Description:**

Essential Task – Page 5 – Obtain a History – Small or Large Animal

## ***Findings***

*for Measure 1 (SLO 2)*

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**Summary of Findings:**

100% of students successfully completed objective.  
(22 total students: 22 passed, 0 failed)

**Target Achievement:**

Exceeded

**Analysis of Results:**

In the animal nursing and imaging lab, a mock history form activity helps to reinforce learning related to communication skills. This prepares students well for engaging in similar situations in the clinic. Our clinic partners report that students communicate well on site. While results were strong, more time in on-campus lab settings, as needed, could help to further strengthen student practice with proper professional communication skills.

***Measure***

*Measure 2 (SLO 2)*

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**DIRECT - EXAM**

**Course Alignment:**

VETA 1102

**Acceptable Target:**

At least 80% of Veterinary Technology students will correctly explain the effect of customer service on a client's perception of a business by achieving a score of 70% or higher on the Customer Service Essay.

**Measure Description:**

Exam - Essay on Customer Service

***Findings***

*for Measure 2 (SLO 2)*

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**Summary of Findings:**

88.6% of students successfully completed objective.  
(44 total students: 39 passed, 5 failed)

**Target Achievement:**

Met

**Analysis of Results:**

Most students engage well with this activity. Writing about a personal experience with a vet clinic is usually enjoyable for students and they are able to connect well with the essay assignment. Faculty noted that some students struggled with the assignment due to deficient writing skills. This activity takes place in the first semester of the program where students may not have satisfied the general education core requirements related to English composition. Faculty will consider partnering more with the Learning Commons on campus and providing tutoring support related to

essay writing.

### SLO 3

*Apply ethical and legal principles in the veterinary setting and within the client-technician-doctor relationship.*

### ***Measure***

#### *Measure 1 (SLO 3)*

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#### **DIRECT - EXAM**

#### **Course Alignment:**

VETA 1102

#### **Acceptable Target:**

At least 75% of Veterinary Technology Students will successfully differentiate between a legal and an ethical issue by correctly answering the designated VETA 1102 midterm exam test question.

#### **Measure Description:**

Exam - Test Question on the difference between legal and ethical issues (#29).

### ***Findings***

#### *for Measure 1 (SLO 3)*

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#### **Summary of Findings:**

77.1% of students successfully completed objective.  
(48 total students: 37 passed, 11 failed)

#### **Target Achievement:**

Met

#### **Analysis of Results:**

Students are introduced to this topic earlier in the first semester which helps with their understanding when the concepts are reinforced later in the semester. Most students are able to easily distinguish between these concepts (right and wrong versus legal and illegal). Faculty noticed a need for support students who still confuse the issue, as there can be fine line at times between the two concepts. For students who are struggling with distinguishing between the two concepts, faculty will provide additional scenarios that will help to further reinforce.

### ***Measure***

#### *Measure 2 (SLO 3)*

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#### **DIRECT - EXAM**

#### **Course Alignment:**

VETT 2102

#### **Acceptable Target:**

At least 85% of Veterinary Technology Students will successfully list all the conditions that must be met before a valid veterinarian-client-patient relationship can be shown to exist by achieving a score of 70% or higher on the week #1 assignment, question #12.

**Measure Description:**

Exam - Test Question (#12) on conditions of the veterinarian-client-patient relationship

***Findings***

*for Measure 2 (SLO 3)*

**Summary of Findings:**

100% of students successfully completed objective.  
(20 total students: 20 passed, 0 failed)

**Target Achievement:**

Exceeded

**Analysis of Results:**

Students really excelled with the question presented on the general pharmacology homework assignment. Faculty will consider having additional scenarios available for students who need extra support with this concept.

**SLO 4**

*Demonstrate a working knowledge and understanding of disease processes and the subsequent therapeutic procedures needed to aid in patient care.*

***Measure***

*Measure 1 (SLO 4)*

**DIRECT - EXAM**

**Course Alignment:**

VETT 1207

**Acceptable Target:**

At least 80% of Veterinary Technology Students will correctly demonstrate knowledge of clinical signs of different types of parasites by correctly answering the designated VETT 1207 final exam test question.

**Measure Description:**

Exam - Final Exam for VETA 1207

***Findings***

*for Measure 1 (SLO 4)*

**Summary of Findings:**

77.3% of students successfully completed objective.  
(22 total students: 17 passed, 5 failed)

**Target Achievement:**

Not Met

**Analysis of Results:**

Faculty noted a need for additional lab time related to parasites under the microscope and case scenarios of identifying the disease process. Students could benefit from more repetition in the lab setting to understand the diseases associated with specific

parasites. Faculty can also utilize additional prepared slides and formative quizzes during class prior to the final exam.

## ***Measure***

### *Measure 2 (SLO 4)*

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#### **DIRECT - EXAM**

#### **Course Alignment:**

VETT 2301

#### **Acceptable Target:**

At least 80% of Veterinary Technology students will identify the clinical signs of canine distemper by correctly answering the designated VETT 2301 final exam test question.

#### **Measure Description:**

Exam - Final VETT 2301 Exam on Rabies (TQ: 8)

## ***Findings***

### *for Measure 2 (SLO 4)*

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#### **Summary of Findings:**

88.9% of students successfully completed objective.  
(18 total students: 16 passed, 2 failed)

#### **Target Achievement:**

Met

#### **Analysis of Results:**

Faculty reported that students scored well on the test item presented on the final exam. However, faculty also noted that several other questions on the final exam are applicable to this concept as well. Moving forward, additional items on the test will be included in the assessment to provide a more in-depth review of student understanding.

## **SLO 5**

*Demonstrate proficiency in the Essential Skills dictated by the American Veterinary Medical Association's Committee on Veterinary Technician Education and Activities.*

## ***Measure***

### *Measure 1 (SLO 5)*

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#### **DIRECT - OTHER**

#### **Course Alignment:**

VETA 1100

#### **Acceptable Target:**

At least 90% of Veterinary Technology Students will successfully restrain a patient for a physical exam with a score of 4 or higher on the essential skill task checklist.

#### **Measure Description:**

Essential Task Handbook – Pages 11-18

## ***Findings***

### *for Measure 1 (SLO 5)*

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#### **Summary of Findings:**

94.9% of students successfully completed objective.  
(39 total students: 37 passed, 2 failed)

#### **Target Achievement:**

Met

#### **Analysis of Results:**

While most students performed exceptionally in the clinic setting, additional practice is always helpful. Depending on the clinic setting, different types and sizes of animals may need to be restrained through specific techniques. These techniques require practice and repetition to master. Faculty will work to identify any students who are struggling in this area and helping to find additional opportunities to practice.

## ***Measure***

### *Measure 2 (SLO 5)*

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#### **DIRECT - OTHER**

#### **Course Alignment:**

VETT 2100

#### **Acceptable Target:**

At least 80% of Veterinary Technology Students will successfully obtain a saphenous venipuncture for a feline using the appropriate technique with a score of 4 or higher on the essential skill task checklist.

#### **Measure Description:**

Essential Task Handbook – Pages 8-12

## ***Findings***

### *for Measure 2 (SLO 5)*

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#### **Summary of Findings:**

100% of students successfully completed objective.  
(22 total students: 22 passed, 0 failed)

#### **Target Achievement:**

Exceeded

#### **Analysis of Results:**

Students who are able to put in the time expected to practice venipuncture typically perform well in the clinic setting. Outside of the clinic, faculty will consider seeking funding to purchase additional venipuncture simulation models to help reinforce appropriate technique.

