# Animal Health/Vet Tech Course No. 18105 Credit: 1.0

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| --- | --- | --- | --- |
| **Student name:** |  | **Graduation Date:** |  |

Pathways and CIP Codes:Animal Science (01.0901)

Course Description:

Directions:The following competencies are required for full approval of this course. Check the appropriate number to indicate the level of competency reached for learner evaluation.

**RATING SCALE:**

4. Exemplary Achievement: Student possesses outstanding knowledge, skills or professional attitude.

3. Proficient Achievement:Student demonstrates good knowledge, skills or professional attitude. Requires limited supervision.

2. Limited Achievement:Student demonstrates fragmented knowledge, skills or professional attitude. Requires close supervision.

1. Inadequate Achievement:Student lacks knowledge, skills or professional attitude.

0. No Instruction/Training:Student has not received instruction or training in this area.

## Benchmark 1: Professions of Veterinary Medicine

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 1.1 | Explore the variety of career fields in the veterinary industry |  |
| 1.2 | Identify the job benefits and requirements of jobs in the veterinary industry |  |
| 1.3 | Write a cover letter and resume for a career in the veterinary industry |  |
| 1.4 | Complete an interview with a professional in the veterinary industry |  |

## Benchmark 2: Practice Management

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 2.1 | Complete an animal identification record |  |
| 2.2 | Demonstrate how to schedule appointments and answers phones professionally |  |
| 2.3 | Outline the five steps of the grieving process |  |
| 2.4 | Describe how inventory works and why it is important to maintain an efficient inventory program |  |

## Benchmark 3: Veterinary Terminology

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 3.1 | Analyze veterinary terms to define their meanings |  |
| 3.2 | Recognize common Greek and Latin prefixes, suffixes, and roots |  |
| 3.3 | List abbreviations commonly used in veterinary medicine |  |

## Benchmark 4: Safety & Sanitation

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 4.1 | List the types of hazards common in the veterinary hospital and know the organizations that regulate safety |  |
| 4.2 | Accurately read an MSDS |  |
| 4.3 | Describe the correct methods of protection given a specific animal |  |
| 4.4 | Demonstrate proper restraint on a dog |  |
| 4.5 | Interpret a drug schedule chart |  |

## Benchmark 5: Anatomy & Physiology

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 5.1 | Recognize common anatomical terminology |  |
| 5.2 | Apply knowledge of veterinary anatomy through the dissection of animal specimens |  |
| 5.3 | Describe the functions of the skeletal, muscular, circulatory, respiratory, and nervous systems |  |
| 5.4 | Identify the bones of the skeleton and relate them to a live animal |  |
| 5.5 | Identify muscles of the animal and relate them to a live animal |  |
| 5.6 | Identify structure of the heart and major veins and arteries |  |
| 5.7 | Identify parts of the nerve cell and the brain |  |

## Benchmark 6: Normal Animal/Clinical Exams

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 6.1 | Demonstrate taking the temperature, pulse, and respiration on an animal |  |
| 6.2 | List signs of normal and abnormal health of an animal |  |
| 6.3 | Correctly operate a stethoscope, otoscope, and ophthalmoscope |  |
| 6.4 | Perform a physical exam on an animal |  |

## Benchmark 7: Hospital Procedures & Examinations

### Competencies

| **#** | **Description** | **RATING** |
| --- | --- | --- |
| 7.1 | Fill and read a syringe |  |
| 7.2 | Apply different types of bandages to various areas of the body |  |
| 7.3 | Calculate medication amounts |  |
| 7.4 | Properly label medications |  |
| 7.5 | Describe the process of immunity |  |
| 7.6 | Discuss arguments for and against spaying and neutering |  |
| 7.7 | List ways in which diseases are transmitted |  |

## Benchmark 8: Principles of Disease

### Competencies

| **#** | **Description** | **RATING** |
| --- | --- | --- |
| 8.1 | Describe the general clinical signs of an animal with a parasite infestation |  |
| 8.2 | Diagram the life cycles of internal and external parasites |  |
| 8.3 | Describe heartworms in canines |  |
| 8.4 | Identify adult parasites and parasite eggs using a microscope |  |
| 8.5 | Perform common laboratory procedures for diagnosing parasites |  |
| 8.6 | Prepare and stain a blood film |  |
| 8.7 | Perform a urinalysis test |  |

## Benchmark 9: Production Practices/Animal Management

### Competencies

| **#** | **Description** | **Rating** |
| --- | --- | --- |
| 9.1 | Identify common breeds of animals |  |
| 9.2 | Demonstrate various methods of animal behavior modification |  |
| 9.3 | Discuss the common types of animal behavior displayed by different species |  |
| 9.4 | Explain the concept of animal husbandry |  |

I certify that the student has received training in the areas indicated.

Instructor Signature:

For more information, contact:

CTE Pathways Help Desk

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[pathwayshelpdesk@ksde.org](mailto:pathwayshelpdesk@ksde.org)



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