

Animal Care and Management 1

Course Outcome Summary

Course Information

Organization	Madison Area Technical College
Developers	Veterinary Technician Faculty
Development Date	8/9/2000
Revised By	Clarissa Sheldon
Revised Date	2/4/2009
Course Number	10-091-171
Instructional Level	Associate Degree
Instructional Area	Veterinary Technician/Laboratory Animal Technician
Division	Agriscience, Apprenticeship, Technical, Industrial
Department	Veterinary Technician/Laboratory Animal Technician
Potential Hours of Instruction	72
Total Credits	3

Description

Animal Care and Management 1 is a course designed to provide foundation skills upon which the rest of the program curriculum will depend. Basic restraint, animal handling, breed recognition, and animal management will be covered for the species most commonly encountered in veterinary medicine.

Target Population

Focuses on handling and husbandry of the animals most commonly seen in veterinary medicine. Includes animal behavior, nutrition and healthcare.

Types of Instruction

Instruction Type	Contact Hours	Credits
Classroom Presentation	36	2
On Campus Laboratory and Clinicals	36	1

Textbooks

Rutherford and Neil. *How to Raise a Puppy you Can Live With*. Alpine. 1992. **Pages:** 170. **Source:** MATC Bookstore.

Educating our Clients from A-Z. AAHA Press. 1999.

Mammato. *Pet First Aid*. Mosby. 1997. **Edition:** 1st. **Pages:** 109. **ISBN:** 1-57857-00-x. **Source:** MATC Bookstore.

McCurnin. *Clinical Textbook for Veterinary Technicians*. Saunders. 1998. **Edition:** 4. **Pages:** 881. **ISBN:** 0-7216-2196-1. **Source:** MATC Bookstore.

Siegal. *The Cornell Book of Cats*. Villard. 1992. **Edition:** 1. **Pages:** 435. **ISBN:** 0-394-56787-0. **Source:** MATC.

Siegal. *UCDavis Book of Dogs*. Harper Collins. 1995. **Edition:** 1. **Pages:** 538. **ISBN:** 0-06-270136-3. **Source:** MATC Bookstore.

Taylor / Field. *Scientific Farm Animal Production*. Prentice Hall. 1998. **Edition:** 6. **Pages:** 702. **ISBN:** 0-13-456591-6. **Source:** MATC Bookstore.

Learner Supplies

Program regulation smock. **Manufacturer:** ---. **Source:** MATC Auto Parts Store.

Pocket Calculator. **Manufacturer:** ---. **Quantity:** 1.

Coveralls. **Manufacturer:** ---.

Washable boots. **Manufacturer:** ---.

Watch with second hand. **Manufacturer:** ---.

Black pen. **Manufacturer:** ---.

Video workbooks. **Manufacturer:** ---. **Quantity:** 2. **Source:** MATC Bookstore.

Note sets. **Manufacturer:** ---. **Quantity:** 2. **Source:** MATC Bookstore.

Prerequisites

Veterinary Medical Terminology (10-091-170)

Animal Biology (10-806-105)

Introduction to Laboratory Animal Science (10-091-123)

OR concurrent enrollment in all the above

Exit Learning Outcomes

Core Abilities

- A. Critical thinking
- B. Ethics
- C. Mathematics
- D. Science and Technology

Competencies

A. Use veterinary medical terminology

Competence will be demonstrated:

1. by successful completion of lecture evaluations
2. by successful completion of practical laboratory evaluations
3. by successful completion of each individual task on the skill sheet

Criteria - Performance will be satisfactory when:

1. you use appropriate veterinary medical terminology orally and in written format
2. you convert common terminology into veterinary medical terminology
3. you convert veterinary medical terminology into common terminology
4. you use correct terminology to describe the animal species commonly seen in veterinary medicine
5. you use correct terminology to describe the breed of animal species commonly seen in veterinary medicine
6. you use correct terminology to describe the sex of animal species commonly seen in veterinary medicine
7. you use correct terminology to describe the color of animal species commonly seen in veterinary medicine
8. you use correct terminology to describe animal body parts

B. Analyze common behavioral characteristics of common animal species seen in veterinary medicine

Competence will be demonstrated:

1. by successful completion of each individual task on the skill sheet
2. by successful completion of practical laboratory evaluations

3. by successful completion of lecture evaluations

Criteria - Performance will be satisfactory when:

1. you analyze common behavioral characteristics of dogs
2. you analyze common behavioral characteristics of cats
3. you analyze common behavioral characteristics of birds
4. you analyze common behavioral characteristics of pigs
5. you analyze common behavioral characteristics of sheep
6. you analyze common behavioral characteristics of goats
7. you analyze common behavioral characteristics of horses
8. you analyze common behavioral characteristics of cattle
9. you use knowledge of animal behavior to safely complete laboratory checklists

C. Perform a physical examination on animal species commonly seen in veterinary medicine

Competence will be demonstrated:

1. by successful completion of each individual task on the skill sheet
2. by successful completion of practical laboratory evaluations
3. by successful completion of lecture evaluations

Criteria - Performance will be satisfactory when:

1. you perform a physical examination on common animal species
2. you use appropriate restraint for the animal species examined
3. you obtain a temperature for animal species examined
4. you determine if temperature is in the normal range for animal species examined
5. you obtain a respiratory rate for animal species examined
6. you determine if respiratory rate is in the normal range for animal species examined
7. you obtain a pulse rate and/or heart rate for animal species examined
8. you determine if pulse rate and/or heart rate is in the normal range for animal species examined
9. you obtain a weight for animal species examined
10. you determine if weight is in the normal range for animal species examined
11. you determine if any observable abnormalities exist for animal species examined
12. you create a medical record entry for each animal examined

D. Perform daily care on animal species commonly seen in veterinary medicine

Competence will be demonstrated:

1. by successful completion of lecture evaluations
2. by successful completion of practical laboratory evaluations
3. by successful completion of each individual task on the skill sheet

Criteria - Performance will be satisfactory when:

1. you provide appropriate daily care for the animals housed at Madison Area Technical College
2. you describe necessary daily care for the animals housed at Madison Area Technical College

E. Analyze nutrition practices of animals commonly seen in veterinary medicine

Competence will be demonstrated:

1. by completing lecture evaluations
2. by completing each individual task on the skill sheet
3. by completing practical laboratory evaluations

Criteria - Performance will be satisfactory when:

1. you recognize common feedstuffs
2. you compare various animal diets
3. you compare digestive systems of animals commonly seen in veterinary medicine
4. you contrast digestive systems of animals commonly seen in veterinary medicine
5. you summarize how digestive system differences impact diet

F. Analyze reproductive practices of animals commonly seen in veterinary medicine**Competence will be demonstrated:**

1. by completing lecture evaluations
2. by completing each individual task on the skill sheet
3. by completing practical laboratory evaluations

Criteria - Performance will be satisfactory when:

1. you compare the reproductive tracts of the animals commonly seen in veterinary medicine
2. you contrast the reproductive tracts of the animals commonly seen in veterinary medicine
3. you recognize the reproductive parameters for the animals commonly seen in veterinary medicine
4. you summarize pregnancy detection methods of the animals
5. you recognize abnormalities in reproductive patterns

G. Analyze genetics and mating system practices of animals commonly seen in veterinary medicine**Competence will be demonstrated:**

1. by completing lecture evaluations
2. by completing each individual task on the skill sheet
3. by completing practical laboratory evaluations

Criteria - Performance will be satisfactory when:

1. you compare the mating systems of the animals
2. you contrast the mating systems of the animals
3. you summarize basic genetic principles as they apply to the animals
4. you make predictions as to possible mating outcomes of the animals