

# EATM M114L: CLINICAL PROCEDURES IN ANIMAL CARE I LABORATORY

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**Originator**

Ishapiro

**College**

Moorpark College

**Attach Support Documentation (as needed)**

RVTProgramJustification.pdf

RVTProgramCourseRequirements.docx

**Discipline (CB01A)**

EATM - Exotic Animal Training Mgmt

**Course Number (CB01B)**

M114L

**Course Title (CB02)**

Clinical Procedures in Animal Care I Laboratory

**Banner/Short Title**

Clinic Procedures I Lab

**Credit Type**

Credit

**Honors**

No

**Start Term**

Fall 2020

**Catalog Course Description**

Provides the application of theoretical knowledge in the performance of physical examinations, record keeping, and the administration of medications and fluids. Includes the operation of general anesthetic and monitoring equipment, and basic operating room procedures and surgical assisting.

**Taxonomy of Programs (TOP) Code (CB03)**

0102.10 - \*Veterinary Technician (Licensed)

**Course Credit Status (CB04)**

D (Credit - Degree Applicable)

**Course Transfer Status (CB05) (select one only)**

B (Transferable to CSU only)

**Course Basic Skills Status (CB08)**

N - The Course is Not a Basic Skills Course

**SAM Priority Code (CB09)**

C - Clearly Occupational

**Course Cooperative Work Experience Education Status (CB10)**

N - Is Not Part of a Cooperative Work Experience Education Program

**Course Classification Status (CB11)**

Y - Credit Course

**Educational Assistance Class Instruction (Approved Special Class) (CB13)**

N - The Course is Not an Approved Special Class

**Course Prior to Transfer Level (CB21)**

Y - Not Applicable

**Course Noncredit Category (CB22)**

Y - Credit Course

**Funding Agency Category (CB23)**

B - Partially Developed Using Economic Development Funds

**Course Program Status (CB24)**

1 - Program Applicable

**General Education Status (CB25)**

Y - Not Applicable

**Support Course Status (CB26)**

N - Course is not a support course

**Field trips**

May be required

**Faculty notes on field trips; include possible destinations or other pertinent information**

students will be placed at veterinary clinics/hospitals to obtain hands-on experiences related to this course.

**Grading method**

Letter Graded

**Alternate grading methods**

Credit by exam, license, etc.

**Does this course require an instructional materials fee?**

No

**Repeatable for Credit**

No

**Is this course part of a family?**

No

**Units and Hours**

**Carnegie Unit Override**

No

**In-Class**

**Lecture**

**Activity**

**Laboratory**

**Minimum Contact/In-Class Laboratory Hours**

52.5

**Maximum Contact/In-Class Laboratory Hours**

52.5

**Total in-Class**

**Total in-Class**

**Total Minimum Contact/In-Class Hours**

52.5

**Total Maximum Contact/In-Class Hours**

52.5

**Outside-of-Class****Internship/Cooperative Work Experience**

Paid

Unpaid

**Total Outside-of-Class**

Total Outside-of-Class

**Total Student Learning****Total Student Learning****Total Minimum Student Learning Hours**

52.5

**Total Maximum Student Learning Hours**

52.5

**Minimum Units (CB07)**

1

**Maximum Units (CB06)**

1

**Prerequisites**

EATM M110, EATM M110L

**Corequisites**

EATM M114

**Limitations on Enrollment**

Criminal background clearance

Drug and alcohol clearance

Fingerprint clearance

Current negative TB test or chest x-ray

Others (specify)

No visible tattoos or visible body piercings except single studs in earlobes

**Other Limitations on Enrollment**

1. Admission to the Moorpark College Registered Veterinary Technology Program

2. Current tetanus vaccination

**Entrance Skills****Entrance Skills**

EATM M110

1. discuss the etiology, symptoms, treatment, veterinary care, and preventive measures for common infectious, zoonotic and systemic diseases of small animals.

2. explain the vaccination concepts related to small animals.

3. identify the components of a wellness program for dogs and cats and explain the importance of preventative care.

4. describe the prevention of infectious disease transmission in the veterinary setting.

5. discuss the spread of parasites between animals and humans.

EATM M110L

1. perform hands-on skills to provide competent and compassionate care such as otic, ophthalmic, dermal, gastrointestinal, and urinary procedures to small companion animals.

2. utilize and maintain various instruments, equipment and supplies used in the assessment and treatment of small animals.

3. use proper technique to position small animals for auscultation, palpation, and other assessments of body systems.

4. demonstrate standard precautions to prevent the transmission of infectious diseases.

5. demonstrate proper technique in administering vaccinations to small companion animals.

6. demonstrate safe technique in performing injections and venipunctures.

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**Requisite Justification****Requisite Type**

Prerequisite

**Requisite**

EATM M110, EATM M110L

**Requisite Description**

Course in a sequence

**Level of Scrutiny/Justification**

Required by statute or regulation

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**Requisite Type**

Corequisite

**Requisite**

EATM M114

**Requisite Description**

Course in a sequence

**Level of Scrutiny/Justification**

Closely related lecture/laboratory course

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**Requisite Type**

Enrollment Limitation

**Requisite**

1. Criminal background clearance; 2. Current negative TB test or chest x-ray; 3. Drug and alcohol clearance; 4. Fingerprint clearance; 5. No visible tattoos or visible body piercings except single studs in earlobes. Other: 1. Admission to the Moorpark College Registered Veterinary Program; 2. Current tetanus vaccination

**Requisite Description**

Credit program requisite (credit only)

**Level of Scrutiny/Justification**

Required by statute or regulation

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**Student Learning Outcomes (CSLOs)****Upon satisfactory completion of the course, students will be able to:**

- |   |   |
|---|---|
| 1 | demonstrate knowledge and competency in entry-level surgical veterinary nursing tasks.        |
| 2 | assemble, identify parts of, and explain passage of gases through an anesthetic machine.      |
| 3 | demonstrate competency in choosing and utilizing appropriate anesthetic monitoring equipment. |

**Course Objectives****Upon satisfactory completion of the course, students will be able to:**

- |   |  |
|---|--|
| 1 | handle safely and restrain small animals for various veterinary procedures.              |
| 2 | obtain an accurate patient history from the owner.                                       |
| 3 | perform a physical examination and interpret results on companion animals.               |
| 4 | construct and enter data into medical records, both written and digital.                 |
| 5 | perform basic maneuvers in a veterinary software package.                                |
| 6 | correctly administer medication via parenteral routes.                                   |
| 7 | correctly perform venipuncture for blood collection and intravenous (IV) administration. |

8	accurately calculate drug dosages.
9	perform endotracheal intubation on a dog and cat.
10	perform a cystocentesis on a male and female dog and cat.
11	insert an intravenous (IV) catheter; calculate fluid rates and administer fluids.
12	operate safely and maintain anesthetic equipment.
13	operate and maintain anesthetic monitoring equipment.
14	perform a necropsy on a small animal and identify normal and abnormal anatomy.
15	place a cast on a small animal.
16	demonstrate aseptic technique and correctly execute sterile transfer methods.

## Course Content

### Lecture/Course Content

n/a/

### Laboratory or Activity Content

(5.7%) Restraint  
 (5%) Client Communication  
 (6.2%) Physical Exam  
 (5.7%) Medical Records  
 (5.7%) Veterinary Software  
 (5.7%) Injections  
 (5.7%) Venipuncture  
 (5.7%) Dosage Calculations  
 (5.7%) Endotracheal Intubation  
 (5.7%) Cystocentesis  
 (5.7%) IV Catheters/Fluid Administration  
 (5.7%) Anesthetic Instrumentation  
 (5.7%) . Anesthetic Monitoring Equipment  
 (9%) Necropsy  
 (5.7%) Casts  
 (5.7%) Sterile Techniques  
 (5.7%) Suturing Technique

## Methods of Evaluation

**Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):**

Problem solving exercises  
 Skills demonstrations  
 Written expression

**Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):**

Clinical demonstration  
 Group projects  
 Individual projects  
 Journals  
 Laboratory activities  
 Laboratory reports  
 Objective exams  
 Performances  
 Reports/papers  
 Skill tests  
 Treatment plans

## Instructional Methodology

### Specify the methods of instruction that may be employed in this course

Collaborative group work  
 Clinical demonstrations  
 Demonstrations  
 Instructor-guided interpretation and analysis  
 Laboratory activities  
 Practica

### Describe specific examples of the methods the instructor will use:

Demonstrate the American Veterinary Medical Association (AVMA) skills and provide guidance as necessary.  
 Observe student performance of skills and provide feedback to assist students with mastery of the skills.  
 Use systematic approach to assist students in the interpretation and analysis of data.

## Representative Course Assignments

### Writing Assignments

Write lab reports on veterinary care for animals after surgery on a weekly basis.  
 Record and enter data into the medical record, both written and digital, on the assigned animal at the veterinary hospital or clinic.  
 Write the medical history of the animal patient and enter that information into the patient's file.

### Critical Thinking Assignments

Interpret the veterinarian's order for the animal to accurately calculate medication dosages.  
 Develop a plan of care for the companion domestic animal such as a dog.

### Reading Assignments

Read the textbook for background information to complete lab work on clinical procedures on dogs and cats.  
 Review the supplemental articles posted on the online learning management system to prepare for the laboratory learning experience involving clinical procedures such as venipuncture, and application of splints and casts.

### Skills Demonstrations

Demonstrate skills from the American Veterinary Medical Association list of skills such as:

1. perform a physical examination on a dog.
2. apply a cast on a small animal.

## Outside Assignments

## Articulation

### Comparable Courses within the VCCCD

AG V71 - Basic Veterinary Clinical Procedures

### Equivalent Courses at other CCCs

College	Course ID	Course Title	Units
L.A. Pierce College	ANML SC 421	Clinical Procedures in Animal Care I Laboratory	1

**District General Education****A. Natural Sciences****B. Social and Behavioral Sciences****C. Humanities****D. Language and Rationality****E. Health and Physical Education/Kinesiology****F. Ethnic Studies/Gender Studies**

Course is CSU transferable

Yes

CSU Baccalaureate List effective term:

FALL 2020

**CSU GE-Breadth****Area A: English Language Communication and Critical Thinking****Area B: Scientific Inquiry and Quantitative Reasoning****Area C: Arts and Humanities****Area D: Social Sciences****Area E: Lifelong Learning and Self-Development****CSU Graduation Requirement in U.S. History, Constitution and American Ideals:****IGETC****Area 1: English Communication****Area 2A: Mathematical Concepts & Quantitative Reasoning****Area 3: Arts and Humanities****Area 4: Social and Behavioral Sciences****Area 5: Physical and Biological Sciences****Area 6: Languages Other than English (LOTE)****Textbooks and Lab Manuals****Description**

Thomas, John, and Philip Lerche. *Anesthesia and Analgesia for Veterinary Technicians*. 5th ed., Mosby, 2016.

**Description**

Bassert, Joanna, Angela Beal, and Oreta Samples. *McCurnin's Clinical Textbook for Veterinary Technicians*. 9th ed., Elsevier, 2017.

**Description**

Seibert, Philip. "Safety Issues for the Veterinary Hospital Staff." *Safety Vet*, 2014. <http://skvhsafety.com/HSMReferences/Safety%20Issues%206th%20Edition.pdf>. Accessed 12/30/19.

## Library Resources

### Assignments requiring library resources

Use of the Library's print and online resources for research projects on clinical procedures in animals.

### Sufficient Library Resources exist

Yes

### Example of Assignments Requiring Library Resources

Students will be assigned to read current journal articles depicting veterinary nursing care post-surgery, new digital means of record keeping, and what is required to be kept on these records and workplace safety for veterinary technicians.

### Primary Minimum Qualification

ANIMAL TRAINING & MANAGEMENT

### Additional Minimum Qualifications

#### Minimum Qualifications

Biological Sciences

### Additional local certifications required

RVT or DVM

## Review and Approval Dates

### Department Chair

12/06/2019

### Dean

12/09/2019

### Technical Review

01/31/2020

### Curriculum Committee

02/04/2020

### DTRW-I

02/13/2020

### Curriculum Committee

MM/DD/YYYY

### Board

03/10/2020

### CCCCO

MM/DD/YYYY

### DOE/accreditation approval date

MM/DD/YYYY