

# EATM M24: AVIAN AND HERPTILE CARE

**Originator**

gary\_mui1

**Co-Contributor(s)**
**Name(s)**

Woodhouse, Brenda (bwoodhouse)

**College**

Moorpark College

**Discipline (CB01A)**

EATM - Exotic Animal Training Mgmt

**Course Number (CB01B)**

M24

**Course Title (CB02)**

Avian and Herptile Care

**Banner/Short Title**

Avian and Herptile Care

**Credit Type**

Credit

**Start Term**

Spring 2023

**Formerly**

ANSC M11 - Avian and Reptile Care

ANSC M60A - Avian and Reptilian Care

**Catalog Course Description**

Provides a basic introduction to the anatomy, physiology, husbandry, and emergency first aid of birds, reptiles and amphibians. Identifies how to find a veterinarian specializing in these species.

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

0102.00 - \*Animal Science

**Course Credit Status (CB04)**

D (Credit - Degree Applicable)

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

C (Not transferable)

**Course Basic Skills Status (CB08)**

N - The Course is Not a Basic Skills Course

**SAM Priority Code (CB09)**

B - Advanced 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)**

Y - Not Applicable (Funding Not Used)

**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**

Will not be required

**Grading method**

(L) Letter Graded

**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**

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

17.5

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

17.5

**Activity**

**Laboratory**

**Total in-Class**

**Total in-Class**

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

17.5

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

17.5

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

Paid

Unpaid

**Total Outside-of-Class****Total Outside-of-Class****Minimum Outside-of-Class Hours**

35

**Maximum Outside-of-Class Hours**

35

**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 M12

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

EATM M12

**Prerequisite Course Objectives**

EATM M12-identify and be able to utilize basic nomenclature related to anatomy and physiology.

EATM M12-identify and describe the basic anatomical structures of mammals.

EATM M12-explain the relationship between the various anatomical and physiological systems found in the normal mammal.

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

Prerequisite

**Requisite**

EATM M12

**Requisite Description**

Course not in a sequence

**Level of Scrutiny/Justification**

Content review

**Student Learning Outcomes (CSLOs)**

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

- |   |   |
|---|---|
| 1 | apply husbandry and handling techniques for birds and herptile to prevent illness and injury.                               |
| 2 | access resources to find specialized veterinary care for birds and herptiles, and act appropriately in a medical emergency. |

**Course Objectives**

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

- |   |   |
|---|---|
| 1 | discuss and compare the basic anatomy and physiology of birds and herptiles and how they differ from mammals.   |
| 2 | define basic husbandry techniques for different types of avian and herptile species.  |
| 3 | describe methods of finding specialists to perform veterinary care on these species and how to provide emergency care until the animal can be seen by a veterinarian. |
| 4 | describe and compare how preventive medicine is achieved through proper husbandry and handling techniques.  |
| 5 | identify safe handling techniques for humans and animals when working with these species, including venomous or poisonous animals.                                    |

**Course Content****Lecture/Course Content**

- 15.00% Anatomy and physiology of avian species
- 15.00% Anatomy and physiology of reptilian and amphibian species
- 10.00% Aviculture
- 15.00% Husbandry of reptilian and amphibian species
- 10.00% Emergency veterinary care and how to find a veterinarian for avian species
- 10.00% Emergency veterinary care and how to find a veterinarian for reptilian and amphibian species
- 10.00% Safe handling of avian species
- 10.00% Safe handling of reptilian and amphibian species
- 5.00% Husbandry procedures of avian species: wing trimming, pinioning, nail trimming, beak trimming

**Laboratory or Activity Content**

n/a

**Methods of Evaluation**

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

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):**

- Essay exams
- Objective exams
- Problem-solving exams
- Other (specify)
- Classroom Discussion
- Reports/Papers/Journals

**Other**

written evaluation of specific animal species

**Instructional Methodology**

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

- Audio-visual presentations
- Distance Education
- Guest speakers
- Lecture

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

Lecture supported by photos and videos describing the anatomy of birds.

Guest speakers specializing in Avian husbandry discuss scenarios of good and bad herptile care.

**Representative Course Assignments****Writing Assignments**

research and write a paper on husbandry requirements for a specific species of herptile.

write evaluations of Internet sources.

write responses to examination questions.

**Critical Thinking Assignments**

compare and contrast anatomy and physiology of different animal groups, including those at America's Teaching Zoo.

evaluate Internet resources for currency and reliability.

**Reading Assignments**

Assigned chapters in textbook.

Assigned articles on Avian husbandry on the internet.

**Outside Assignments****Representative Outside Assignments**

identify local veterinarians who specialize in avian care.

review and evaluate assigned Internet sites.

identify local veterinarians who specialize in herptile care.

**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**

**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**

**Area F: Ethnic Studies**

**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**

**Resource Type**

Textbook

**Classic Textbook**

Yes

**Description**

Ballard, Bonnie, and Ryan Creek. *Exotic Animal Medicine for the Veterinary Technician*. 3rd ed., Wiley-Blackwell, 2016.

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**Resource Type**

Textbook

**Classic Textbook**

Yes

**Description**

Singh, Baljit. *Veterinary Anatomy Coloring Book*. 2nd ed., Saunders, 2015.

**Resource Type**

Textbook

**Classic Textbook**

Yes

**Description**

Colville, Thomas, and Joanna Bassert. *Clinical Anatomy and Physiology for Veterinary Technicians*. 3rd ed., Mosby, 2015.

**Resource Type**

Textbook

**Classic Textbook**

No

**Description**

Graham, Jennifer E., Grayson A. Doss, and Hugues Beaufrere, eds. *Exotic Animal Emergency and Critical Care Medicine*. Wiley-Blackwell, 2021.

**Library Resources****Assignments requiring library resources**

Research, using the Library's print and online resources, for a paper on a topic such as the safe handling techniques for humans and animals when working with venomous or poisonous animals.

**Sufficient Library Resources exist**

Yes

**Example of Assignments Requiring Library Resources**

Summarize a journal article describing the husbandry requirements for a specific species of herptile.

**Distance Education Addendum****Definitions****Distance Education Modalities**

Hybrid (1%–50% online)  
Hybrid (51%–99% online)  
100% online

**Faculty Certifications**

**Faculty assigned to teach Hybrid or Fully Online sections of this course will receive training in how to satisfy the Federal and state regulations governing regular effective/substantive contact for distance education. The training will include common elements in the district-supported learning management system (LMS), online teaching methods, regular effective/substantive contact, and best practices.**

Yes

**Faculty assigned to teach Hybrid or Fully Online sections of this course will meet with the EAC Alternate Media Specialist to ensure that the course content meets the required Federal and state accessibility standards for access by students with disabilities. Common areas for discussion include accessibility of PDF files, images, captioning of videos, Power Point presentations, math and scientific notation, and ensuring the use of style mark-up in Word documents.**

Yes

## Regular Effective/Substantive Contact

### Hybrid (1%–50% online) Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Asynchronous Dialog (e.g., discussion board)	Students may be required to post their ideas or solutions for class-related material on the course discussion boards. Students may also be required to comment on the posts of other students, including constructive criticism.
E-mail	The instructor may email students with announcements about the course or other college events and opportunities and answer student questions. Students may email questions and possibly assignments or projects, depending on the nature of the class, directly to the instructor.
Face to Face (by student request; cannot be required)	Students may have the option to visit the instructor in their office on campus for office hours or to discuss other class-related items.
Other DE (e.g., recorded lectures)	The instructor may use other instruction methods appropriate to the subject matter. For example pre-recorded lectures may be posted perhaps leading to a class discussion on the discussion boards.
Synchronous Dialog (e.g., online chat)	The instructor may hold class in a regular schedule but in an online format using a program such as ConferZoom. Office hours may also be held in this manner or with an online chat tool.
Telephone	Students may have the option to call the instructor and/or the instructor may call students to facilitate office hours or to discuss other class-related items.
Video Conferencing	Instructor may hold class in a regular schedule but in an online format using a program such as ConferZoom. Office hours may also be held in this manner.

### Hybrid (51%–99% online) Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Asynchronous Dialog (e.g., discussion board)	Students may be required to post their ideas or solutions for class-related material on the course discussion boards. Students may also be required to comment on the posts of other students, including constructive criticism.
E-mail	The instructor may email students with announcements about the course or other college events and opportunities and answer student questions. Students may email questions and possibly assignments or projects, depending on the nature of the class, directly to the instructor.
Face to Face (by student request; cannot be required)	Students may have the option to visit the instructor in their office on campus for office hours or to discuss other class-related items.
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**100% online Modality:**

<b>Method of Instruction</b>	<b>Document typical activities or assignments for each method of instruction</b>
Asynchronous Dialog (e.g., discussion board)	Students may be required to post their ideas or solutions for class-related material on the course discussion boards. Students may also be required to comment on the posts of other students, including constructive criticism.
E-mail	The instructor may email students with announcements about the course or other college events and opportunities and answer student questions. Students may email questions and possibly assignments or projects, depending on the nature of the class, directly to the instructor.
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**Examinations****Hybrid (1%–50% online) Modality**

On campus  
Online

**Hybrid (51%–99% online) Modality**

On campus  
Online

**Primary Minimum Qualification**

ANIMAL TRAINING & MANAGEMENT

**Review and Approval Dates****Department Chair**

03/14/2022

**Dean**

03/14/2022

**Technical Review**

04/28/2022

**Curriculum Committee**

5/3/2022

**DTRW-I**

MM/DD/YYYY

**Curriculum Committee**

MM/DD/YYYY

**Board**

MM/DD/YYYY

**CCCCO**

MM/DD/YYYY

**Control Number**

CCC000452434

**DOE/accreditation approval date**

MM/DD/YYYY