

EATM M01A: ANIMAL CARE AND HANDLING I

Originator

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College

Moorpark College

Discipline (CB01A)

EATM - Exotic Animal Training Mgmt

Course Number (CB01B)

M01A

Course Title (CB02)

Animal Care and Handling I

Banner/Short Title

Animal Care & Handling I

Credit Type

Credit

Start Term

Fall 2022

Catalog Course Description

Introduces concepts of basic zoo keeping practices used in the husbandry of domestic and non-domestic animals. Includes topics such as USDA (U.S. Department of Agriculture) regulations, record keeping, America's Teaching Zoo protocols with an emphasis on safety and sanitation.

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)

B (Transferable to CSU only)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

D - Possibly 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

Corequisites

EATM M01AL

Limitations on Enrollment

Others (specify)

Other Limitations on Enrollment

Admission to EATM Program

Requisite Justification**Requisite Type**

Enrollment Limitation

Requisite

Admitted to the EATM Program

Requisite Description

Credit program requisite (credit only)

Level of Scrutiny/Justification

Other (specify)

Specify Other Level of Scrutiny/Justification

Due to limited number of zoo animals and supervision and safety considerations only a limited number of students may be accepted to the EATM program.

Requisite Type

Corequisite

Requisite

EATM M01AL

Requisite Description

Credit program requisite (credit only)

Level of Scrutiny/Justification

Closely related lecture/laboratory course

Student Learning Outcomes (CSLOs)

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

- | | |
|---|--|
| 1 | describe skills needed for basic zookeeping practices. |
| 2 | describe safety and emergency protocols in America's Teaching Zoo. |

Course Objectives

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

- | | |
|---|--|
| 1 | describe the role of the student zoo keeper, including the importance of teamwork. |
| 2 | describe the role of USDA (U.S. Department of Agriculture) and the regulations for the standards of animal welfare in a zoological facility. |
| 3 | explain the components and procedures of an animal record keeping system. |
| 4 | describe introductory husbandry information regarding parrots, hoofstock, and birds of prey at America's Teaching Zoo and the general husbandry and handling of these animals. |

Course Content

Lecture/Course Content

10% - Teamwork in the zoo setting

- Communication
- Conflict resolution

40% zookeeper protocols at America's Teaching Zoo at Moorpark College

- safety
- emergency protocols
- natural disasters
- back up protocols

10% - Record keeping in zoos

20% - Introduction to animal behavior, handling and husbandry, including area protocols at America's Teaching Zoo at Moorpark College

- Parrots
- Birds of prey
- Hoofstock

20% USDA, The Animal Welfare Act regulations and inspections

Laboratory or Activity Content

Not applicable.

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
- Group projects
- Individual projects
- Objective exams
- Oral presentations
- Quizzes

Reports/papers
 Research papers
 Written analyses
 Written homework
 Classroom Discussion
 Projects
 Reports/Papers/Journals

Instructional Methodology

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

Audio-visual presentations
 Case studies
 Class activities
 Class discussions
 Collaborative group work
 Computer-aided presentations
 Dialog
 Distance Education
 Group discussions
 Guest speakers
 Internet research
 Large group activities
 Lecture
 Readings
 Small group activities

Describe specific examples of the methods the instructor will use:

We will discuss student thoughts after they complete San Diego Global assignment "Working with Dangerous Animals" and how this can apply to working at America's Teaching Zoo, will show PowerPoints regarding safety procedures and "backup" protocols, will have guest speaker talk about primates, will provide teambuilding activity and discuss teams and leadership afterward.

Representative Course Assignments

Writing Assignments

- Record USDA violations. Students will be assigned an area in the zoo to perform mock USDA inspection and record their findings.
- Write a review of their animal caretaking experience while the 2nd years were off site.
- Write a "get to know you" discussion in the online learning platform and respond to classmates.

Critical Thinking Assignments

- participate in class discussion/problem solving of animal husbandry scenarios.
- evaluate effectiveness of stringent safety and keeper protocols.
- discuss and evaluate animal handling techniques.

Reading Assignments

- read chapters from Zookeeping textbook.
- read America's Teaching Zoo manual.
- read classmates discussion posts.

Outside Assignments

Representative Outside Assignments

- research the behavior of species at America's Teaching Zoo.
- complete San Diego Global online assignments.
- research USDA's Animal Welfare Act regulations on USDA's website.

Articulation

Equivalent Courses at other CCCs

College	Course ID	Course Title	Units
Foothill College	V T 66	Exotic Animal Care	2
College of the Sequoias	VT 123	Exotic Animal Care	2
San Diego Mesa College	VTAH 100A	Animal Care and Management	1.5

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:

F2017

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

DescriptionKleiman, Devra, Katerina Thompson, and Charlotte Baer, eds. *Wild Mammals in Captivity: Principles and Techniques for Zoo Management*. 2nd ed., University of Chicago, 2012.**Resource Type**

Textbook

DescriptionIrwin, Mark, John Stoner, and Aaron Cobaugh, eds. *Zookeeping: An Introduction to the Science and Technology*. University of Chicago, 2013.**Resource Type**

Other Resource Type

Description

EATM Student Manual.

Resource Type

Other Resource Type

Description

America's Teaching Zoo Protocol Manual.

Resource Type

Textbook

Classic Textbook

No

Description

Appleby, Michael, Anna Olsson and Francisco Galindo, eds. *Animal Welfare*. 3rd ed., CABI, 2018.

Library Resources**Assignments requiring library resources**

Research, using the Library's print and online resources, welfare of animals under professional care. Research using reliable Internet resources as well as academic/peer-reviewed journal articles.

Sufficient Library Resources exist

Yes

Example of Assignments Requiring Library Resources

Students will research animal welfare regulations and articles of an assigned animal, and discuss if America's Teaching zoo appears to be in compliance.

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

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**100% 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.

Primary Minimum Qualification

ANIMAL TRAINING & MANAGEMENT

Review and Approval Dates**Department Chair**

02/24/2022

Dean

03/03/2022

Technical Review

03/17/2022

Curriculum Committee

04/05/2022

DTRW-I

MM/DD/YYYY

Curriculum Committee

MM/DD/YYYY

Board

MM/DD/YYYY

CCCCO

MM/DD/YYYY

Control Number

CCC000579270

DOE/accreditation approval date

MM/DD/YYYY