

# EATM M01B: ANIMAL CARE & HANDLING II

**Originator**

bwoodhouse

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

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**College**

Moorpark College

**Discipline (CB01A)**

EATM - Exotic Animal Training Mgmt

**Course Number (CB01B)**

M01B

**Course Title (CB02)**

Animal Care & Handling II

**Banner/Short Title**

Animal Care & Handling II

**Credit Type**

Credit

**Start Term**

Spring 2023

**Catalog Course Description**

Instructs students in basic animal care practices used in the professional husbandry of domestic and non-domestic animals. Includes topics such as restraint, enrichment, enclosure design and identification methods.

**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)**

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)**

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 M01A

### Corequisites

EATM M01BL

## Entrance Skills

### Entrance Skills

EATM M01A

### Prerequisite Course Objectives

EATM M01A-describe the role of the student zoo keeper, including the importance of teamwork.

EATM M01A-describe the role of USDA (U.S. Department of Agriculture) and the regulations for the standards of animal welfare in a zoological facility.

EATM M01A-explain the components and procedures of an animal record keeping system.

## Requisite Justification

### Requisite Type

Prerequisite

### Requisite

EATM M01A

### Requisite Description

Course in a sequence

### Level of Scrutiny/Justification

Part of a sequence of courses in a certificate of completion or a certificate of competency (noncredit only)

**Requisite Type**

Corequisite

**Requisite**

EATM M01BL

**Requisite Description**

Corequisite

**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 for managing non-domestic and domestic animals under professional care.  |
| 2 | identify specific stressors for an animal caretaker, including euthanasia and grieving, and methods to handle these matters to prevent job "burn-out." |

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

- |   |   |
|---|---|
| 1 | describe tools and planning needed to restrain and handle domestic and non-domestic animals.  |
| 2 | identify basic principles of animal enclosure designs.  |
| 3 | describe the husbandry needs of various animal groups.  |
| 4 | describe a variety of basic environmental enrichment techniques and resources, and U.S. Department of Agriculture (USDA) regulations for behavioral enrichment. |
| 5 | describe various techniques used in zoos for animal identification and marking.   |

**Course Content****Lecture/Course Content****1. (20%) Restraint and handling**

- a. restraint situations
- b. restraint tools
- c. preparation and planning
- d. safety considerations

**2. (20%) Animal caretaker stress management**

- a. QOL assessment
- b. death and grieving

**3. (5%) Enclosure design, construction, and maintenance**

- a. materials
- b. requirements
- c. plans
- d. management

**4. (5%) Animal identification and marking****5. (30%) Behavioral enrichment**

- a. reasons, methods, resources
- b. USDA regulations

**6. (20%) Animal Husbandry**

- a. elephants
- b. marine mammals

**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  
Problem solving exercises

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 analysis/critiques  
Oral presentations  
Problem-solving exams  
Problem-solving homework  
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  
Demonstrations  
Dialog  
Group discussions  
Guest speakers  
Instructor-guided interpretation and analysis  
Internet research  
Lecture  
Problem-solving examples  
Readings  
Small group activities  
Web-based presentations

Describe specific examples of the methods the instructor will use:

The class includes lecture and examples of case scenarios of managing animals at America's Teaching Zoo as well as prominent animal facilities around the world. Students will discuss the results of web-based presentations. Discussions on how and when Quality of Life assessment forms are used in the care of the animals.

## Representative Course Assignments

### Writing Assignments

record observations of an animal's response to a new enrichment item.

write responses to essay questions.

write a behavioral enrichment plan for an animal at America's Teaching Zoo, detailing the goals for the enrichment and what students anticipate the results will be.

### Critical Thinking Assignments

evaluate an outside animal facility.

analyze behavioral enrichment methods used in zoos.

discuss methods currently used for elephant management in AZA accredited facilities.

### Reading Assignments

read chapters from Zookeeping textbook  
 read America's Teaching Zoo Manual  
 read articles given in class

### Skills Demonstrations

N/A

### Outside Assignments

#### Representative Outside Assignments

conduct Internet research on Behavioral Enrichment websites to create an enrichment for an assigned animal.  
 participate in an outside facility interview.  
 complete San Diego Zoo Alliance online assignments.

### Articulation

#### Equivalent Courses at other CCCs

College	Course ID	Course Title	Units
no comparable courses available			

### 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:

S2023

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

Textbook

**Description**Fowler, Murray. *Restraint and Handling of Wild and Domestic Animals*. 3rd ed., Wiley-Blackwell, 2008.**Resource Type**

Textbook

**Classic Textbook**

No

**Description**Mishra, Arun Kumar, et al. *Environmental Enrichment: A Prospective of Captive Felid Management*. Notion Press, 2021.

## Library Resources

### Assignments requiring library resources

Research, using the Library's print and online resources and reliable Internet sources, on the care and enrichment ideas of particular animal species in zoos.

### Sufficient Library Resources exist

Yes

### Example of Assignments Requiring Library Resources

Students will research the behavior and welfare of a selected animal, and design a behavioral enrichment plan and how it could be implemented for an animal at America's Teaching Zoo.

### Primary Minimum Qualification

ANIMAL TRAINING & MANAGEMENT

## Review and Approval Dates

### Department Chair

02/28/2022

### Dean

03/03/2022

### Technical Review

04/07/2022

### Curriculum Committee

4/19/2022

### DTRW-I

MM/DD/YYYY

### Curriculum Committee

MM/DD/YYYY

### Board

MM/DD/YYYY

### CCCCO

MM/DD/YYYY

### Control Number

CCC000426492

### DOE/accreditation approval date

MM/DD/YYYY