

EATM M02D: ZOO WORK SKILLS SECOND YEAR-SUMMER

Originator

bwoodhouse

Co-Contributor(s)
Name(s)

Mui, Gary (gary_mui1)

College

Moorpark College

Discipline (CB01A)

EATM - Exotic Animal Training Mgmt

Course Number (CB01B)

M02D

Course Title (CB02)

Zoo Work Skills Second Year-Summer

Banner/Short Title

Zoo Work Skills Second Yr Sum

Credit Type

Credit

Start Term

Summer 2023

Catalog Course Description

Provides the second year summer session student a hands-on living classroom for supervised on-the-job intermediate zoo keeping experience and skill practice in animal care, handling and training. Includes work assignments such as conducting training sessions with assigned animals, participating as a zoo operations team member or leader, holiday/weekend zoo keeping, intermediate zoo daily operations, maintenance and improvement projects, day watch with safety rounds, and conducting tours.

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)

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

Activity

Laboratory

Minimum Contact/In-Class Laboratory Hours

105

Maximum Contact/In-Class Laboratory Hours

105

Total in-Class

Total in-Class

Total Minimum Contact/In-Class Hours

105

Total Maximum Contact/In-Class Hours

105

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

105

Total Maximum Student Learning Hours

105

Minimum Units (CB07)

2

Maximum Units (CB06)

2

Prerequisites

EATM M02C

Entrance Skills

Entrance Skills

EATM M02C

Prerequisite Course Objectives

- EATM M02C-demonstrate the ability to perform a safety round in the zoo independently.
- EATM M02C-identify, report, and record any physical or behavioral changes in an animal.
- EATM M02C-demonstrate professional behavior and communication among peers and staff.
- EATM M02C-demonstrate the ability to engage guests during an educational encounter.

Requisite Justification

Requisite Type

Prerequisite

Requisite

EATM M02C

Requisite Description

Course in a sequence

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 | identify or demonstrate appropriate response to an injury emergency drill at America's Teaching Zoo. |
| 2 | evaluate and design protocols for zoo keeping and animal care. |

Course Objectives

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

- | | |
|---|--|
| 1 | participate as a team member and as a team leader in zoo operations. |
| 2 | conduct and interpret training demonstrations with assigned animals. |
| 3 | demonstrate intermediate animal care, feeding and cleaning. |
| 4 | demonstrate time management by determining measurable goals and completing tasks within time limits. |

Course Content

Lecture/Course Content

N/A

Laboratory or Activity Content

1. (20%) Team work

- a. team building
- b. leadership

2. (40%) Animal care

- a. behavioral enrichment
- b. medical care
- c. record keeping
- d. behavior
- e. training

3. (20%) Time management

4. (20%) Zoo keeping

- a. protocols
- b. U.S. Department of Agriculture
- c. enclosure maintenance

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

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):

- Group projects
- Individual projects
- Journals
- Oral presentations
- Performances
- Problem-solving exams
- Quizzes
- Reports/papers
- Research papers
- Skills demonstrations
- Skills tests or practical examinations
- Projects
- Participation
- Reports/Papers/Journals

Instructional Methodology

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

- Audio-visual presentations
- Class activities
- Class discussions
- Collaborative group work
- Demonstrations
- Dialog
- Group discussions

Guest speakers
 Laboratory activities
 Large group activities
 Modeling
 Observation
 One-on-one conference
 Problem-solving examples
 Small group activities

Describe specific examples of the methods the instructor will use:

Instructor will lead small group discussions, observe and evaluate the team’s performance with assigned animals.
 Zoo Operations staff and faculty will discuss and give feedback on the quality of care for the animals, and how to improve this.
 Staff and faculty will meet with students and give mid-program review feedback on their progress in the zoo.
 discussion of ways to improve and update cleaning protocols.

Representative Course Assignments

Writing Assignments

record animal records in the Zoological Information Management System (ZIMS).
 write animal diet changes.
 write updates to animal care protocols.
 write animal caretaking protocols for America’s Teaching Zoo.
 write a zoo foreman report.

Critical Thinking Assignments

discussion on new enrichment ideas for assigned animals.
 discussion and problem solving for caretaking protocol changes.
 analysis of husbandry and training plans for assigned animals.

Reading Assignments

read ZIMs entries from previous trainers
 read veterinary records for assigned animals
 read area protocols

Skills Demonstrations

demonstrate ability to conduct and interpret training demonstrations with assigned animals
 demonstrate appropriate response to an injury emergency drill at Americas Teaching Zoo.

Outside 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

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

Young, Robert. *Environmental Enrichment for Captive Animals*. Wiley-Blackwell, 2003.

Resource Type

Other Resource Type

Description

EATM Student Handbook
EATM Zoo Procedure Manual

Resource Type

Textbook

Description

Appleby, Michael, et al, eds. *Animal Welfare*. 3rd ed., CABI, 2018.

Library Resources**Assignments requiring library resources**

Research, using the Library's print and online resources, on zoo requirements and animal behavior topics.

Sufficient Library Resources exist

Yes

Example of Assignments Requiring Library Resources

Research animal behavior of assigned animal to help develop environmental enrichment items.

Primary Minimum Qualification

ANIMAL TRAINING & MANAGEMENT

Review and Approval Dates**Department Chair**

03/05/2022

Dean

03/07/2022

Technical Review

04/07/2022

Curriculum Committee

04/19/2022

DTRW-I

MM/DD/YYYY

Curriculum Committee

MM/DD/YYYY

Board

MM/DD/YYYY

CCCCO

MM/DD/YYYY

Control Number

CCC000579720

DOE/accreditation approval date

MM/DD/YYYY

