

I. CATALOG INFORMATION

A. Discipline: EXOTIC ANIMAL TRAINING MANAGEMENT (EATM)

B. Subject Code and Number: EATM M09L

C. Course Title: Animal Behavior Lab

D. Credit Course units:

Units: 0.5

Lecture Hours per week: 0

Lab Hours per week : 1.5

Variable Units : No

E. Student Learning Hours:

Lecture Hours:

Classroom hours: 0 - 0

Laboratory/Activity Hours:

Laboratory/Activity Hours 26.25 - 26.25

Total Combined Hours in a 17.5 week term: 26.25 - 26.25

F. Non-Credit Course hours per week _____

G. May be taken a total of: 1 2 3 4 time(s) for credit

H. Is the course co-designated (same as) another course: No Yes

If YES, designate course Subject Code & Number: ANSC M09L

I. Course Description:

Provides students with opportunities to develop skills in behavior modification and observational research. Requires students to demonstrate such skills through training a rat and conducting observational research on captive animals.

J. Entrance Skills

*Prerequisite: No Yes Course(s)

EATM M09 or concurrent enrollment or ANSC M09 or concurrent enrollment

*Corequisite: No Yes Course(s)

Limitation on Enrollment: No Yes

Recommended Preparation: No Yes Course(s)

Other: No Yes

K. Other Catalog Information:

(Same as ANSC M09L.)(Formerly ANSC M04L.)

II. COURSE OBJECTIVES

Upon successful completion of the course, a student will be able to:

		Methods of evaluation will be consistent with, but not limited by, the following types or examples.
1	apply the principles of operant and classical conditioning in the training of a rat.	demonstrate modification of the behavior of a rat utilizing operant conditioning techniques
2	utilize a variety of sampling methods to the collection of behavioral data.	conduct behavioral observations on live animals in the teaching zoo, utilizing several different sampling methods of data collection

III. COURSE CONTENT

Estimated %	Topic	Learning Outcomes
Lecture (must total 100%)		
Lab (must total 100%)		
50.00%	Operant and classical conditioning in the training of a rat	1
50.00%	Behavioral research in a zoo setting	2

IV. TYPICAL ASSIGNMENTS

A. Writing assignments

Writing assignments are required. Possible assignments may include, but are not limited to:	
1	write a report on the data collected using focal animal sampling.
2	written summary of observations utilizing instantaneous scan sampling.
3	written predictions of testing hypothesis in terms of changes in behavior.

B. Critical thinking assignments

Critical thinking assignments are required. Possible assignments may include, but are not limited to:	
1	analysis of behavioral change following environmental manipulation.
2	analyze learning curve constructed upon data collected during rat training.
3	evaluate published research studies for design flaws.

V. METHODS OF INSTRUCTION

Methods of instruction may include, but are not limited to:

- Distance Education – When any portion of class contact hours is replaced by distance education delivery mode (Complete DE Addendum, Section XV)
- Lecture/Discussion
- Laboratory/Activity
- Other (Specify) Instructor-led group discussions, and in-class demonstrations.
- Optional Field Trips
- Required Field Trips

VI. METHODS OF EVALUATION

Methods of evaluation may include, but are not limited to:

- | | | |
|---|---|---|
| <input type="checkbox"/> Essay Exam | <input type="checkbox"/> Classroom Discussion | <input checked="" type="checkbox"/> Skill Demonstration |
| <input type="checkbox"/> Problem Solving Exam | <input checked="" type="checkbox"/> Reports/Papers/Journals | <input type="checkbox"/> Participation |
| <input type="checkbox"/> Objective Exams | <input type="checkbox"/> Projects | <input checked="" type="checkbox"/> Other (specify) |

Students will collect data on zoo animals using focal animal sampling, and complete a lab write-up based on observations of zoo animals. Demonstrate operant conditioning skills by training a rat to run through an obstacle course. Classically condition rat to sound of bridging stimulus, and train rat through operant conditioning to negotiate obstacle course.

VII. REPRESENTATIVE TEXTS AND OTHER COURSE MATERIALS

Davey, Pete. Whales With Fur: How to Train Any Animal Using Dolphin Training Techniques. Ocean, 2004.

Pryor, Karen. Reaching the Animal Mind: Clicker Training and What it Teaches Us About All Animals. Scribners, 2010.

Pryor, Karen. Don't Shoot the Dog: The New Art of Teaching and Training. 3rd ed. Ringpress, 2002.

VIII. STUDENT MATERIALS FEES

- No Yes

IX. PARALLEL COURSES

College	Course Number	Course Title	Units
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X. MINIMUM QUALIFICATIONS

Courses in Disciplines in which Masters Degrees are not expected:
 Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

XI. ARTICULATION INFORMATION

A. Title V Course Classification:

1. This course is designed to be taken either:

- Pass/No Pass only (no letter grade possible); or
- Letter grade (P/NP possible at student option)

2. Degree status:

- Either Associate Degree Applicable; or Non-associate Degree Applicable

B. Moorpark College General Education:

1. Do you recommend this course for inclusion on the Associate Degree General Education list?

Yes: No: If YES, what section(s)?

- A1 - Natural Sciences - Biological Science
- A2 - Natural Sciences - Physical Science
- B1 - Social and Behavioral Sciences - American History/Institutions
- B2 - Social and Behavioral Sciences - Other Social Behavioral Science
- C1 - Humanities - Fine or Performing Arts
- C2 - Humanities - Other Humanities
- D1 - Language and Rationality - English Composition
- D2 - Language and Rationality - Communication and Analytical Thinking
- E1 - Health/Physical Education
- E2 - PE or Dance
- F - Ethnic/Gender Studies

C. California State University(CSU) Articulation:

1. Do you recommend this course for transfer credit to CSU? Yes: No:

2. If YES do you recommend this course for inclusion on the CSU General Education list?

Yes: No: If YES, which area(s)?

- | | | | | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|
| A1 <input type="checkbox"/> | A2 <input type="checkbox"/> | A3 <input type="checkbox"/> | B1 <input type="checkbox"/> | B2 <input type="checkbox"/> | B3 <input type="checkbox"/> | B4 <input type="checkbox"/> |
| C1 <input type="checkbox"/> | C2 <input type="checkbox"/> | D1 <input type="checkbox"/> | D2 <input type="checkbox"/> | D3 <input type="checkbox"/> | D4 <input type="checkbox"/> | D5 <input type="checkbox"/> |
| D6 <input type="checkbox"/> | D7 <input type="checkbox"/> | D8 <input type="checkbox"/> | D9 <input type="checkbox"/> | D10 <input type="checkbox"/> | E <input type="checkbox"/> | |

D. University of California (UC) Articulation:

1. Do you recommend this course for transfer to the UC? Yes: No:

2. If YES do you recommend this course for the Intersegmental General Education Transfer Curriculum (IGETC)? Yes: No:

IGETC Area 1: English Communication

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- English Composition
 - Critical Thinking-English Composition
 - Oral Communication

IGETC Area 2: Mathematical Concepts and Quantitative Reasoning

- Mathematical Concepts

IGETC Area 3: Arts and Humanities

- Arts
- Humanities

IGETC Area 4: Social and Behavioral Sciences

- Anthropology and Archaeology
- Economics
- Ethnic Studies
- Gender Studies
- Geography
- History
- Interdisciplinary, Social & Behavioral Sciences
- Political Science, Government & Legal Institutions
- Psychology
- Sociology & Criminology

IGETC Area 5: Physical and Biological Sciences (mark all that apply)

- Physical Science Lab or Physical Science Lab only (non-sequence)
- Physical Science Lecture only (non-sequence)
- Biological Science
- Physical Science Courses
- Physical Science Lab or Biological Science Lab Only (non-sequence)
- Biological Science Courses
- Biological Science Lab course
- First Science course in a Special sequence
- Second Science course in a Special Sequence
- Laboratory Activity
- Physical Sciences

IGETC Area 6: Language other than English

- Languages other than English (UC Requirement Only)
- U.S. History, Constitution, and American Ideals (CSU Requirement ONLY)
- U.S. History, Constitution, and American Ideals (CSU

Requirement ONLY)

XII. REVIEW OF LIBRARY RESOURCES

A. What planned assignment(s) will require library resources and use?

The following assignments require library resources: None

B. Are the currently held library resources sufficient to support the course assignment?

YES: NO:

If NO, please list additional library resources needed to support this course.

XIII. PREREQUISITE AND/OR COREQUISITE JUSTIFICATION

Requisite Justification for EATM M09 or concurrent enrollment

- A. Sequential course within a discipline.
- B. Standard Prerequisite or Corequisite required by universities.
- C. Corequisite is linked to companion lecture course.
- D. Prerequisite or Corequisite is authorized by legal statute or regulation.
Code Section: _____
- E. Prerequisite or Corequisite is necessary to protect the students' health and safety.
- F. Computation or communication skill is needed.
- G. Performance courses: Audition, portfolio, tryouts, etc. needed.

or

Requisite Justification for ANSC M09 or concurrent enrollment

- A. Sequential course within a discipline.
- B. Standard Prerequisite or Corequisite required by universities.
- C. Corequisite is linked to companion lecture course.
- D. Prerequisite or Corequisite is authorized by legal statute or regulation.
Code Section: _____
- E. Prerequisite or Corequisite is necessary to protect the students' health and safety.

F. Computation or communication skill is needed.

G. Performance courses: Audition, portfolio, tryouts, etc. needed.

XIV. WORKPLACE PREPARATION

Required for career technical courses only. A career technical course/program is one with the primary goal to prepare students for employment immediately upon course/program completion, and/or upgrading employment skills.

Detail how the course meets the Secretary of Labors Commission on the Achievement of Necessary Skills (SCANS) areas. (For a description of the competencies and skills with a listing of what students should be able to do, go to:

<http://www.ncrel.org/sdrs/areas/issues/methods/assment/as7scans.htm>)

The course will address the SCANS competency areas:

1. Resources: the students will plan and organize resources in order to accomplish the term projects.
2. Interpersonal: the students will work with others in many cooperative learning experiences.
3. Information: the students will acquire and use information through a variety of assignments and practical applications.
4. Systems: the students will acquire an understanding of the manner in which systems work together.
5. Technology: the students will apply operant conditioning technology appropriately.

The course also addresses the SCANS skills and personal qualities:

1. Basic Skills: the students will read, write, listen, and speak in assignments and exercises in this laboratory course.
2. Thinking Skills: the students will think critically, make decisions, solve problems, know how to learn, and to reason by satisfactorily completing the objectives of this laboratory.
3. Personal Qualities: the students will display responsibility, self-management, integrity and honesty throughout their written assignments and laboratory activities.

XV. DISTANCE LEARNING COURSE OUTLINE ADDENDUM

EATM M09L: Not Applicable

XVI. GENERAL EDUCATION COURSE OUTLINE ADDENDUM

EATM M09L: Not Applicable

XVII. STUDENT MATERIALS FEE ADDENDUM

EATM M09L: Not Applicable

XVIII. REPEATABILITY JUSTIFICATION TITLE 5, SECTION 55041

EATM M09L: Not Applicable

XIX. CURRICULUM APPROVAL

Course Information:

Discipline: EXOTIC ANIMAL TRAINING MANAGEMENT (EATM)

Discipline Code and Number: EATM M09L

Course Revision Category: Technical Course Revision

Course Proposed By:

Originating Faculty Gary Wilson 02/02/2015

Faculty Peer: Brenda Woodhouse 02/03/2015

Curriculum Rep: _____

Department Chair: Cynthia Stringfield 02/04/2015

Division Dean: Kimberly Hoffmans 02/12/2015

Approved By:

Curriculum Chair: Jerry Mansfield 03/06/2015

Executive Vice President: Lori Bennett 03/16/2015

Articulation Officer: _____

Librarian: Mary LaBarge 02/18/2015

Implementation Term and Year: Fall 2015

Approval Dates:

Approved by Moorpark College Curriculum Committee: 03/03/2015

Approved by Board of Trustees (if applicable): _____

Approved by State (if applicable): 08/14/2015