I. CATALOG INFORMATION
   A. Discipline: ANTHROPOLOGY
   B. Subject Code and Number: ANTH M14
   C. Course Title: Monkeys, Apes, and Humans
   D. Credit Course units:
      Units: 3
      Lecture Hours per week: 3
      Lab Hours per week: 0
      Variable Units: No
   E. Student Learning Hours:
      Lecture Hours:
      Classroom hours: 52.5 - 52.5
      Laboratory/Activity Hours:
      Laboratory/Activity Hours 0 - 0
      Total Combined Hours in a 17.5 week term: 52.5 - 52.5
   F. Non-Credit Course hours per week
   G. May be taken a total of: X 1 □ 2 □ 3 □ 4 time(s) for credit
   H. Is the course co-designated (same as) another course: No X Yes □
      If YES, designate course Subject Code & Number: □
   I. Course Description:
      Explores principles of animal behavior and ecology from an evolutionary
      perspective. Uses primates (including humans) to investigate such topics as
      predator avoidance, foraging strategies, mating behaviors, mother-infant
      bonding, the development of social groups, and cognition. Addresses research
      methodology and requires an observational project of primates.
   J. Entrance Skills
      *Prerequisite: No X Yes □ Course(s)
      *Corequisite: No X Yes □ Course(s)
      Limitation on Enrollment: No X Yes □
      Recommended Preparation: No X Yes □ Course(s)
      Other: No X Yes □
### II. COURSE OBJECTIVES

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Methods of evaluation will be consistent with, but not limited by, the following types or examples.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>demonstrate an understanding of classification, morphology and behavior of living primates.</td>
<td>multiple choice test, essay examination, group project, term project</td>
</tr>
<tr>
<td>2</td>
<td>explain the principles of natural selection, and apply them to patterns of foraging and predator avoidance.</td>
<td>multiple choice test, essay examination, group project, term project</td>
</tr>
<tr>
<td>3</td>
<td>describe the principles of sexual selection and apply them to patterns of mating and social grouping.</td>
<td>multiple choice test, essay examination, group project, term project</td>
</tr>
<tr>
<td>4</td>
<td>demonstrate the principles of kin selection and apply them to patterns of parenting behaviors.</td>
<td>multiple choice test, essay examination, group project, term project</td>
</tr>
<tr>
<td>5</td>
<td>compare and contrast the morphologies and cognitive abilities of the living primates.</td>
<td>multiple choice test, essay examination, group project, term project</td>
</tr>
<tr>
<td>6</td>
<td>evaluate the conservation status of the living primates and the value of biodiversity.</td>
<td>multiple choice test, essay examination, group project, term project</td>
</tr>
<tr>
<td>7</td>
<td>compare and contrast different methods of collecting, analyzing, and presenting quantitative data.</td>
<td>multiple choice test, essay examination, group project, term project</td>
</tr>
<tr>
<td>8</td>
<td>analyze the differences between captive and wild animals as study populations, as well as the ethics of keeping such animals in captivity.</td>
<td>multiple choice test, essay examination, group project, term project</td>
</tr>
</tbody>
</table>

### III. COURSE CONTENT
### Estimated %

**Lecture (must total 100%)**

<table>
<thead>
<tr>
<th>Estimated %</th>
<th>Topic</th>
<th>Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.00%</td>
<td>Introduction to the nonhuman primates</td>
<td>1</td>
</tr>
<tr>
<td>10.00%</td>
<td>Primate diversity and taxonomy</td>
<td>1</td>
</tr>
<tr>
<td>10.00%</td>
<td>Ecology and evolutionary theory</td>
<td>2</td>
</tr>
<tr>
<td>7.00%</td>
<td>Foraging strategies and adaptations</td>
<td>2</td>
</tr>
<tr>
<td>7.00%</td>
<td>Primate social systems</td>
<td>3, 4</td>
</tr>
<tr>
<td>7.00%</td>
<td>Predator avoidance</td>
<td>2, 4</td>
</tr>
<tr>
<td>7.00%</td>
<td>Kin selection and cooperation</td>
<td>4</td>
</tr>
<tr>
<td>10.00%</td>
<td>Sexual selection, infanticide, and female choice</td>
<td>3</td>
</tr>
<tr>
<td>7.00%</td>
<td>Mothering behaviors</td>
<td>4</td>
</tr>
<tr>
<td>7.00%</td>
<td>Primate communication and cognition</td>
<td>5</td>
</tr>
<tr>
<td>7.00%</td>
<td>Primate conservation</td>
<td>6, 8</td>
</tr>
<tr>
<td>7.00%</td>
<td>Primates as models for understanding human evolution</td>
<td>2, 3</td>
</tr>
<tr>
<td>7.00%</td>
<td>Research methods, including data collection and analysis</td>
<td>7</td>
</tr>
</tbody>
</table>

### IV. TYPICAL ASSIGNMENTS

#### A. Writing assignments

Writing assignments are required. Possible assignments may include, but are not limited to:

1. Expository essays that compare and contrast behavioral strategies and adaptations, such as those involved in foraging, mating, and predation avoidance.
2. Research papers that include specific hypotheses, relevant theories, and appropriate conclusions about primate behavior and ecology.

#### B. Appropriate outside assignments

Appropriate outside assignments are required. Possible assignments may include, but are not limited to:

1. Library or internet research on topics such as sexual selection, infanticide, or female choice in the nonhuman primates.
2. Visits to zoos for observations of nonhuman primates.
3. Assigned readings and other projects.

#### C. Critical thinking assignments

Critical thinking assignments are required. Possible assignments may include, but are not limited to:

1. Essays that examine the threats to endangered nonhuman primates and evaluate potential solutions to those threats.
2. Developing evolutionary hypotheses for a given pattern of nonhuman primate social behavior (e.g., mate choice) and designing and critiquing tests of those hypotheses using logic and evidence.
3. Class discussions on assigned readings, such as how natural selection and sexual selection have shaped the nonhuman primates.

### 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)
Methods of instruction could also include video materials, a zoo trip, and small-group work on methods of data collection and analysis.

☒ Optional Field Trips

☐ Required Field Trips

VI. METHODS OF EVALUATION
Methods of evaluation may include, but are not limited to:

☒ Essay Exam ☐ Classroom Discussion ☐ Skill Demonstration
☒ Problem Solving Exam ☒ Classroom Discussion Reports/Papers/ Journals Projects ☒ Participation ☐ Other (specify)
☒ Objective Exams ☒ Classroom Discussion Reports/Papers/ Journals Projects ☒ Participation ☒ Other (Specify)

Multiple measures may include, but are not limited to: Zoo project of primate observations

VII. REPRESENTATIVE TEXTS AND OTHER COURSE MATERIALS


VIII. STUDENT MATERIALS FEES

☒ No ☐ Yes

IX. PARALLEL COURSES

<table>
<thead>
<tr>
<th>College</th>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diablo Valley College</td>
<td>ANTHR 115</td>
<td>Primate Evolution and Adaptation</td>
<td>3</td>
</tr>
<tr>
<td>American River College</td>
<td>ANTH 370</td>
<td>Primatology</td>
<td>3</td>
</tr>
<tr>
<td>MiraCosta College</td>
<td>ANTH 190</td>
<td>Primate Behavior and Ecology</td>
<td>3</td>
</tr>
<tr>
<td>University of California, San Diego</td>
<td>ANTH 42</td>
<td>The Study of Primates in Nature</td>
<td>4</td>
</tr>
</tbody>
</table>
X. MINIMUM QUALIFICATIONS

<table>
<thead>
<tr>
<th>Courses Requiring a Masters Degree:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master’s degree in anthropology or archaeology OR bachelor’s degree in either of the above AND master’s degree in sociology, biological sciences, forensic sciences, genetics or paleontology OR the equivalent.</td>
</tr>
</tbody>
</table>

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
     - ☐ A2
     - ☐ A3
     - ☐ B1
     - ☑ B2
     - ☐ B3
     - ☐ B4
     - ☐ C1
     - ☐ C2
     - ☐ D1
     - ☐ D2
     - ☐ D3
     - ☐ D4
     - ☐ D5
     - ☐ D6
     - ☐ D7
     - ☐ D8
     - ☐ D9
     - ☐ D10
     - ☑ E
**D. University of California (UC) Articulation:**

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

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

**IGETC Area 1: English Communication**
- [ ] 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**
- [x] 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
ígntc 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:
Research projects on topics related to primate behavior and ecology using the Library's print and online resources.

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

YES: [X] NO: 

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

XIII. PREREQUISITE AND/OR COREQUISITE JUSTIFICATION

ANTH M14: Not Applicable

XIV. WORKPLACE PREPARATION

ANTH M14: Not Applicable

XV. DISTANCE LEARNING COURSE OUTLINE ADDENDUM

ANTH M14: Not Applicable

XVI. GENERAL EDUCATION COURSE OUTLINE ADDENDUM

General Education Division of Learning [check all applicable boxes]:

- Natural Sciences
- Biological Science
- Physical Science
- Social and Behavioral Sciences
  - American History/Institutions
  - Other Social Science
- Humanities
  - Fine or Performing Arts
  - Other Humanities
- Language and Rationality
  - English Composition
Communication and Analytical Thinking

Health/Physical Education

Ethnic/Women's Studies

Check either Option 1 or Option 2

☐ OPTION #1: Moorpark College has already received approval from the CSU and/or UC systems for this course to fulfill a GE requirement. Note: This option applies only to technical revisions and updated courses.

☒ OPTION #2: Moorpark College has not received approval from the CSU and/or UC systems for this course to fulfill a GE requirement. This option applies to all new and substantively revised courses.

XVII. STUDENT MATERIALS FEE ADDENDUM
ANTH M14: Not Applicable

XVIII. REPEATABILITY JUSTIFICATION TITLE 5, SECTION 55041
ANTH M14: Not Applicable

XIX. CURRICULUM APPROVAL

Course Information:
Discipline: ANTHROPOLOGY
Discipline Code and Number: ANTH M14
Course Revision Category: New Course

Course Proposed By:
Originating Faculty Rachel Messinger 09/20/2015
Faculty Peer: John Baker 09/23/2015
Curriculum Rep: Sandy Bryant 09/23/2015
Department Chair: __________
Division Dean: Norman Marten 09/22/2015

Approved By:
Curriculum Chair: Jerry Mansfield 11/29/2015
Executive Vice President: Lori Bennett 10/21/2015
Articulation Officer: Letricia Mai 10/01/2015
Librarian: Mary LaBarge 10/01/2015

Implementation Term and Year: Fall 2017

Approval Dates:
Approved by Moorpark College Curriculum Committee: 10/06/2015
Approved by Board of Trustees (if applicable): 12/08/2015
Approved by State (if applicable): 03/22/2016