Anthropology 151 (Spring 2011)

Emerging Humanity
T/Th 7:30 - 8:45

Instructor: Prof. Barry Rolett
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Office: Saunders 304
Phone: 956-7546
Office Hours: T/Th 9 – 10:00 AM or by appointment

Teaching Assistant: Rachel Hoerman
hoerman@hawaii.edu
Office: Saunders 319
Phone: 715 350-1672
Office Hours: Mon 12:30 - 2:30

Anthropology provides a long-term perspective on the emergence and global development of humanity over the last 5 million years. The first half of this course focuses on human evolution. We will examine humans in comparison with other primates, and we will analyze the biological and behavioral changes that allowed us to become human. In the second half of the course we turn to archaeology for a global perspective on the transition from hunting and gathering to agriculture and food production, and how this Neolithic revolution led to the rise of complex societies. Some societies flourished for hundreds of years before suffering social collapses marked by political turmoil and declines in population. We will study two of these societies (Easter Island and the Maya) to understand the reasons for their demise and to look for underlying principles that may be relevant to our own modern societies. This course fulfills the Global and Multicultural Perspectives requirement of the General Education Core.

The instructor is an archaeologist with ongoing research in French Polynesia (Marquesas) and southeast China.

Learning Outcomes
1) Students will be able to explain and discuss the process of human evolution.
2) Students will be able to explain and discuss the rise and fall of ancient complex societies.
3) Students will be able to apply their knowledge of ancient societies to current issues in the modern world.

Textbook

Becoming Human series web site:
www.pbs.org/wgbh/nova/evolution/becoming-human-part-1.html

Laulima: https://laulima.hawaii.edu/portal syllabus, handouts, zoo worksheet, and additional readings
Class Schedule and Reading Assignments

PART ONE  HUMAN EVOLUTION

January
11 T  Introduction

13 Th  Human Origins
Movie: "Life on earth: a natural history. Life in the trees" (3939)
Read: Fagan, chapter 2
Complete and bring to class: “Who are you?” worksheet

18 T  Human Origins
Read: Fagan, chapter 2

20 Th  Human Origins
Read: Fagan, chapter 2
Print and bring to class: “Who’s who” hominin sheet

25 T  Human diet and evolution
Read: Fagan, chapter 3

27 Th  Who’s who in human evolution?
Becoming Human Nova web page:
www.pbs.org/wgbh/nova/evolution/becoming-human-part-1.html
Who’s Who in Human Evolution (family tree)
Watch in class: Becoming Human Part 1

30 (Sunday)
Field trip to the Honolulu Zoo. Meet 10 AM at banyan tree outside the main entrance.
Print and bring to the zoo: “Zoo worksheet” (due no later than Feb. 3)
Also bring: $2 for admission and a pen or pencil

February
1  T  Watch in class: Becoming Human Part 2

3  Th  Out of Africa: Homo erectus
Read: Fagan, chapter 3

8  T  How is Homo erectus different from chimpanzees?
Movie: Ape Genius

10  Th  Stone Age Tools and review for exam
Movie: Flintknapping (video 16949)
Last day to turn in Zoo worksheet
Print and bring to class: “Exam 1 review”

15  T  Exam 1
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<tr>
<th>Date</th>
<th>Day</th>
<th>Assignment</th>
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<tbody>
<tr>
<td>17 Th</td>
<td>Neanderthals&lt;br&gt;Movie: Becoming Human Part 3: Neanderthals&lt;br&gt;Read: Fagan, chapter 3</td>
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<td>22 T</td>
<td>Neanderthals&lt;br&gt;Read: &quot;Neanderthal Man&quot;&lt;br&gt;Read: Fagan, chapter 3</td>
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<td>24 Th</td>
<td>Modern Humans&lt;br&gt;Read: Fagan, chapter 4</td>
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**PART TWO  NEOLITHIC REVOLUTIONS AND THE RISE OF CIVILIZATION**

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<th>Month</th>
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<tr>
<td>March</td>
<td>1 T</td>
<td>The Neolithic Revolution&lt;br&gt;Movie: Guns, Germs, and Steel (Episode 1) DVD 2928</td>
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<td>3 Th</td>
<td>The Neolithic Revolution and Early Agriculture&lt;br&gt;Read: Fagan, chapter 8</td>
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<td>8 T</td>
<td>Civilization: &quot;Archaeologists’ 8 traits&quot;&lt;br&gt;Read: Fagan, chapter 14</td>
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<td>Origins of the Polynesians&lt;br&gt;Read: Fagan, chapter 12</td>
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<td>Archaeology in the Marquesas&lt;br&gt;Marquesas movie&lt;br&gt;Read: Fagan, chapter 12</td>
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<td>17 Th</td>
<td>Chiefs and Chiefdoms&lt;br&gt;Read: Fagan, chapter 12&lt;br&gt;&lt;strong&gt;Print and bring to class: “Exam 2 review”&lt;/strong&gt;</td>
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<td>22 T</td>
<td><strong>No class: Spring Break</strong></td>
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<td>24 Th</td>
<td><strong>No class: Spring Break</strong></td>
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<td>29 T</td>
<td><strong>Exam 2</strong></td>
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<td>31 Th</td>
<td>Easter Island&lt;br&gt;Movie: Mysteries of Easter Island (1936)</td>
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**April**

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<td>5 T</td>
<td>Sustainable Environments: The Pacific Islands&lt;br&gt;Read: Rolett 2008. &quot;Avoiding collapse&quot;</td>
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<tr>
<td>7 Th</td>
<td>Sustainable Environments: The Pacific Islands&lt;br&gt;Read: Rolett 2008. &quot;Avoiding collapse&quot;</td>
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12 T  Easter Island
Read: Mieth and Bork 2010. “Humans, climate or introduced rats?...”

14 Th  Why did some societies collapse? "Diamond's 5 factors"

19 T  Introducing the Maya
Movie: Lost Kingdoms of the Maya

21 Th  The Maya

26 T  The Maya
Read: Haug et al. 2003. "Climate and the Collapse of Maya Civilization"

28 Th  Comparison of the Easter Island and Maya Collapses

May
3 T  Review for Final Exam

12 Th  Final Exam (7:30 - 9:30). Meet in our classroom.

Grading

Your grade will be based on the total number of points you earn through the exams and zoo assignments. There are 100 possible points and their distribution is as follows:

<table>
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<tr>
<th>Exam</th>
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<td>Exam 1</td>
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<td>Exam 2</td>
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<td>Final exam</td>
<td>35</td>
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<tr>
<td>zoo worksheet</td>
<td>5</td>
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<td>TOTAL</td>
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A+ = 98-100  A = 94-97  A- = 90-93
B+ = 87-89  B = 84-86  B- = 80-83
C+ = 77-79  C = 74-76  C- = 70-73
D+ = 67-69  D = 64-66  D- = 60-63
F = 59 or less

Attendance: Much of the material presented in class and is not covered by the assigned readings. If you miss classes it will be difficult to get a good grade.

Exam Policy: All students are required to take the exams in class on the day they are scheduled. Exceptions will be made for Kokua students, however these students are responsible for making sure that Kokua contacts Prof. Rolett at least two weeks prior to the exam to make the necessary arrangements. All other exceptions will be considered on an individual basis. If you need to reschedule an exam because of travel commitments, you must contact Prof. Rolett at least two weeks before your travel. If you miss an exam without a written medical excuse you will not be able to make-up the exam.