Syllabus Summer 2018 ant 2511

ANTHROPOLOGY 2511 SUMMER 2018
HUMAN SPECIES AND EVOLUTION
INSTRUCTOR: Vance Geiger, PhD
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Text: Human Evolution and Prehistory, Essentials of Physical Anthropology by Larson
Grading: 2 Exams, 100 points each = 200
10 Labs 10 points each = 100
Attendance = 100 minus 4 points every day missed
A = 90-100%
B = 80-89%
C = 70-79%
D = 60-69%
Week 1: 5/14
Introduction to the course
Introduction to Anthropology: Four Fields
Scientific Method
READING: Online material
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Week 2: 5/21
Introduction to Evolutionary Thought up to Darwin
Reading: Larsen chapter 2
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Week 3: 5/28
Evolution: Darwin to Mendel
Molecular Genetics
READING: Larsen chapter 3
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Week 4: 6/4
Population Genetics: Hardy-Weinberg, Definition of Evolution, Forces of Evolution
Reading Larsen chapter 4
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Week 5: 6/11
Adaptation; Modern Evolutionary Theory
Taxonomy

READING: Larsen chapter 5
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Week 6: 6/18
Time Scales; Dating Methods
Primate Evolution Overview: From Here to There
READING: Larsen chapter 8
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Exam 1
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Week 7: 6/25
Early Primate Evolution
Later Primate Evolution
Primate Models: Behavior, Communication
READING: Larsen chapters 7 and 9
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Week 8: 7/2
Paleoanthropology: Overview
Australopithicines Models, Behavior, Evolutionary Relationships
READING: Larsen chapter 10
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Week 9: 7/9
Homo Habilis
Homo erectus
Reading: Larsen chapter 10
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Week 10: 7/16
Archaic Homo sapiens
Homo Neanderthalis
READING: Larsen chapter 11
Exam 2
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Week 11: 7/23
Archaic Homo Sapiens:
Modern Homo sapiens
READING: Larsen chapter 11
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Week 12: 7/30
Human Adaptability and Diversity: Polymorphisims, Physiological Responses to Stress
Human Ecology

READING: Larsen chapter 12

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Exam 2