_____SOUTH SEATTLE COMMUNITY COLLEGE_____
Academic Programs

COURSE OUTLINE
Revision: M. McCrath, May 2008

DEPARTMENT:	Academic Programs
CURRICULUM:	Individuals, Cultures and Societies
COURSE TITLE:	Biological Anthropology
COURSE NUMBER:	ANTH& 205z
TYPE OF COURSE: Special Requirement Met:	Academic Transfer Integrated Studies
AREA(S) OF KNOWLEDGE:	Individuals, Cultures and Society, Living World
COURSE LENGTH:	1 quarter
CREDIT HOURS:	5
LECTURE HOURS:	55
LAB HOURS:	0
CLASS SIZE:	35
PREREQUISITES:	COMPASS Reading: 77, Writing: 68

COURSE DESCRIPTION:

Introduction to biological and cultural evolution of humans with evidence from fossil and contemporary populations. Examines physical and biological variations of humans past and present. Meets natural science requirements. Emphasis on developing a working vocabulary of anthropological terms.

ANTH& 205z Biological Anthropology
May 2008

STUDENT LEARNING OUTCOMES ADDRESSED:

1. Communication – Read and listen actively
2. Communication – Speak and write effectively
3. Computation – Use mathematical operations
4. Critical thinking and problem solving – Think critically in evaluating information, problem solving and making decisions
5. Personal responsibility – Take pride in one's work
6. Information literacy – access and evaluate information

GENERAL COURSE OBJECTIVES:

At the end of the course the student will:

1. Be able to define what anthropology does; describe the scope of its inquiry, its relationship to other disciplines, and the manner in which it contributes to human knowledge.
2. Explain how physical anthropology fits into the family of anthropological sub-fields, what it contributes and what is contributed to it
3. Describe anthropology's commitment to both the scientific method and to humanism
4. Demonstrate, through examination, an understanding of the chemical, morphological, and behavioral similarities and differences between living primate, particularly humans and apes, and describe the kinds of environmental pressures, both ecological and social, that may have produced them.
5. Demonstrate an understanding of evolutionary theory, particularly as it relates to human evolution, and discuss its validity and shortcomings.
6. Demonstrate an understanding of the place in human evolution of the various fossil hominids
7. Demonstrate a working knowledge of elementary genetics, including DNA replication, meiosis, mitosis, mutations and natural selection, particularly as those elements apply to heredity and hominid micro and macro evolution.

ANTH& 205z Biological Anthropology
May 2008

GENERAL COURSE OBJECTIVES: (CONT.)

8. Define culture and describe how it supplanted physical evolution in the development of modern humans
9. Demonstrate a knowledge of the interplay between paleo-ecology and the physical and cultural evolution of humans, and the implications for the modern human physical and mental make-up
10. Demonstrate how our knowledge of human physical and cultural development may be used to promote improved living conditions for humans now and in the future.

TOPICAL OUTLINE:		APPROX. HOURS
I.	Introduction to physical anthropology	2
II.	Chemical similarities between humans and Non-human primates	2
III.	Taxonomics	1
IV.	Behavioral similarities between humans and Non-human primates	4
V.	Relative and absolute dating processes	2
VI.	Genetics: the machinery of evolution	10
VII.	The early years: Paleocene – Miocene	1
VIII.	Hominid evolution through Neanderthal	5
IX.	Midterm exam	1
X.	Hominid evolution through Neanderthal cont.	15
XI.	First modern humans	4
XII.	Middle – Upper Paleolithic	6
XIII.	The biological revolution: plant and animal domestication	2
	TOTAL	55

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ANTH& 205z Biological Anthropology
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SLO #	Included in Course Objective Number	SSCC Student Learning Outcomes
SLO 1.1	1, 2, 6	Communication - Read and listen actively
SLO 1.2	1, 2, 3, 8, 9, 10, 11	Communication - Speak and write effectively
SLO 2.1		Computation - Use mathematical operations
SLO 2.2	7	Computation - Apply quantitative skills
SLO 2.3		Computation - Identify, interpret, and utilize higher level mathematical and cognitive skills
SLO 3.1		Human Relations - Use social interactive skills to work in groups effectively
SLO 3.2		Human Relations - Recognize the diversity of cultural influences and values
SLO 4.1	5, 11	Critical Thinking and Problem Solving -
SLO 5.1		Technology - Select and use appropriate technological tools
SLO 6.1		Personal Responsibility - Be motivated and able to continue learning and adapt to change
SLO 6.2		Personal Responsibility - Value one's own skills, abilities, ideas and art
SLO 6.3	4	Personal Responsibility - Take pride in one's work
SLO 6.4		Personal Responsibility - Manage personal health and safety
SLO 6.5		Personal Responsibility - Be aware of civic and environmental issues
SLO 7.1	3, 11	Information Literacy - Access and evaluate information
SLO 7.2		Information Literacy - Use information to achieve personal, academic, and career goals, as well as to participate in a democratic society

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