Introduction to Physical Anthropology  ANTH 2301 - 0046 Class Number 43243
Northwest College, Spring Branch Campus, Distance Education
Spring 2015 Regular Term 1/20/2015 - 5/17/2015
3-Credit Lecture Course, 48 hours per semester /16 weeks electronic instruction

Instructor: Patricia Daugherty, Ph. D.
Instructor contact information: Use Quickmail in our EO2 course or patricia.daugherty@hccs.edu
Office Hours: By appointment only, Tuesdays and Thursdays

Course Description  ANTH 2301  Core Curriculum Course. (HCC Course Catalog)
Introduction to Physical Anthropology explores the relationship between culture and biology through the methods, theory and research of biological/physical anthropology. Students learn about basic mechanisms of genetic change in populations and the relationships between humans and the other primates. The appearance of humans and their bipedal ancestors and their cultural history through the Paleolithic age are examined in detail. Students learn about biological variation and adaptation in human populations, responses to the environment, race, and other issues and their applications.

Prerequisites  a) Reading: Placement in co-requisite GUST 0342; b) Writing: Placement into ENGL 0310/0349

Required Textbook: Essentials of Physical Anthropology, 9th edition. Robert Jurmain, Lynn Kilgore, Wenda Trevathan. All students need a textbook for this class. Go to HCC bookstore online <http://hccs.bncollege.com/> or on campuses (Spring Branch/ Katy/ Stafford / West Loop / Central) to purchase the required package ISBN: 9781305383722 Call ahead to ensure that your text is in stock. Or go to the publisher’s website http://www.cengagebrain.com/shop/isbn/9781111837181 to purchase, rent, or get e-book.

Textbook’s Companion Website for flashcards, glossary, and practice quizzes is at http://coursemate.cengage.com/CPReader/View/9781133047889/default.aspx?anon=True#7d36ea45-dea7-4b57-b127-37aab4a5e3b7

Technical Requirements for Course Access: To access this course, students must log into HCC’s on-line distance education system, Eagle Online 2 (EO2) at http://eo2.hccs.edu. The latest version of Firefox is needed to access EO2. All lectures, course content, assignments, and quizzes (with the exception of the Mid-term and Final Exam) will be taken online through EO 2. Students must have reliable broadband Internet access and all the internet free plug-ins listed in “Technical Requirements” in the Distance Education On-line Orientation. It is the student’s responsibility to have all the necessary technical capabilities for accessing the course material, completing on-line searches, watching videos on-line, etc. “Technical Requirements” also include links to PDF files and Quick Time Videos for help with logging-in and using EO2. Go to http://de.hccs.edu/technical-support/ for technical assistance or to contact Tech Support. If you have any technical problems, do not delay one minute. Get help as soon as possible to avoid falling behind.

Course Requirements and Student Responsibility: It is the student’s responsibility to read and understand all of the course requirements in this syllabus and policies and practices explained the DE Student Handbook http://de.hccs.edu/student-services/ and the HCC Student Handbook http://www.hccs.edu/district/students/student-handbook/. If you have any questions about the course requirements, please ask me.

STUDENT ASSESSMENT AND COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>Evaluation For Grade</th>
<th>Grading system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes (on-line)</td>
<td>25%</td>
</tr>
<tr>
<td>Mid-term exam (on campus)</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam (on campus)</td>
<td>35%</td>
</tr>
<tr>
<td>Discussion Questions (on-line)</td>
<td>20%</td>
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<tr>
<td></td>
<td>90-100 = A (excellent)</td>
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<tr>
<td></td>
<td>80- 89 = B (good)</td>
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<tr>
<td></td>
<td>70- 79 = C (fair)</td>
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<tr>
<td></td>
<td>60- 69 = D (passing)</td>
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<tr>
<td></td>
<td>59- 0 = F (failing)</td>
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Explanation of Course Requirements:
Quizzes (on-line):
- are given each week; can be taken on Friday, Saturday or Sunday of assigned week.
- include multiple choice, true/false, and/or essay questions and cover all assigned textbook chapters, readings, videos, internet resources, etc.
- come from study questions posted under each Chapter Tab on EO2 Homepage.
- must be taken during times and dates posted (see Assignments and Quizzes on EO2 Homepage). There are no make-up quizzes in this class, no exceptions. Computer problems or loss of Internet access (for any reason) are not accepted as an excuse for missed quiz, so make sure you have reliable access before starting a timed quiz.
- must be taken using Respondus Lockdown Browser. Look for instructions on EO2 Homepage. Make sure you have access to a computer that has Respondus installed before starting a quiz.
- must be taken by the registered student without any assistance from anyone else. Study together if you like, but take the quizzes by yourself. **Students who are suspected of cheating**, sharing answers, getting copies of quizzes, having someone else take quizzes, etc. will receive a grade of "0" and may be required to take all weekly quizzes on campus in a proctored testing center on campus.

Mid-term exam and Final Exam (both must be taken on campus no exceptions):
- Mid-term exam covers all assigned readings, videos, internet resources for Chapters 1 to 6
- Final exam covers Chapters 1 to 12 with most questions from Chapters 8-12
- Final exam is mandatory for ALL students and can only be taken on the official date posted.
- No make-ups are given for the Mid-term or Final exams, no exceptions.
- Mid-term and Final Exams are closed book exams, so no books, no notes, no electronic devices of any kind are allowed in the testing center. **NOTE:** The Final Exam dates for DE Finals and the location of the Final for this class are different from other courses, so check the Final Exam Information posted on our EO homepage for details.

Notice for Students Outside of HCC Service Area. Please see the DE Student Handbook at [http://de.hccs.edu/student-services/](http://de.hccs.edu/student-services/). Students must notify your instructor at least one month prior to the first Mid-term and/or Final Exam dates.

Discussion Questions (DQs)–
- Discussion questions (DQs) are an important requirement and the main writing component in this class.
- There are three DQ responses that require students to write 2-3 pages each on assigned topics relating to Genetics, Evolutionary Forces, and Human Evolution.
- Students must follow specific guidelines and write insightful and detailed responses to discussion questions that show the student's understanding of key concepts covered in the textbook and ability to apply these concepts appropriately. See “Guidelines for Responding to Discussion Questions” on our EO Homepage for details on how to be successful responding to Discussion Questions.
- All DQ responses must be written in an academic style of writing. Details are posted on EO2 Homepage.
- All DQ responses must be written by the registered student and in the student’s own words.
- Students must do their own work. Study together if you like, but your responses must be yours and yours alone. **No copying of any kind from any source, textbook, internet, etc. is allowed.** Copying of any kind will result in a grade "0" for the first assignment with no possibility of redoing the assignment. A second incident will result in a grade of "F" for the course. **No excuses are accepted.** If you are not sure what plagiarism is, go to [http://owl.english.purdue.edu/owl/resource/589/02/](http://owl.english.purdue.edu/owl/resource/589/02/) for a very clear and precise definition of plagiarism and how to avoid it. Also, read the policy on plagiarism and academic honesty in the HCC Student Handbook for more details.
- Students are encouraged to read and respond to the DQ responses of other students in a way that promotes a positive learning environment for everyone and respects others even when their views differ from your own. Avoid judgments or criticism, sarcasm, name calling, or any kind of non-academic or inappropriate language in responses to other students or the instructor.

Note from HCC Student Handbook: "Adult behavior is expected. Disruptive behavior/activities that interfere with teaching and/or learning will not be tolerated and may result in an administrative withdrawal without refund."
Extra Credit – Extra credit assignments are not available in this course. I prefer students focus their time and energy on completing required assignments successfully and to do their best throughout the course to accomplish the learning goals of the course.

Computer Virus Protection
Computer viruses are, unfortunately, a fact of life. The college has aggressive anti-virus procedures in place to protect its computers, but cannot guarantee that a virus might not temporarily infect one of its machines. It is your responsibility to protect all computers under your control and use and ensure that each diskette you use, whenever or wherever you use it, has been scanned with anti-virus software. Since new viruses arise continually, your anti-virus software must be kept current.

HCC Policies
Attendance/Logging In:

- Students must log in regularly (2-3 times/week) and actively participate by taking weekly quizzes, completing DQ assignments and communicating with the instructor to be considered a student in good standing.
- Students who do not login and actively participate before the Official Day of Record (February 2, 2015) will be AUTOMATICALLY dropped for non-attendance by the registrar. Completing the DE online orientation does not count towards attendance.

Course Withdrawal Policy -

- If you have any problems (work, family, personal, other) that prevent you from fulfilling the requirements of the course, please contact me or a DE counselor to discuss your options.
- If you decide for any reason that you must withdraw, you must do so on or before March 24, 2015. Students must withdraw themselves from classes. This can be done online or by contacting the Registrar’s office.
- Beginning in fall 2007, the Texas Legislature passed a law limiting first time entering freshmen to no more than SIX total course withdrawals throughout their educational career in obtaining a certificate and/or degree. See the DE Student Handbook for details http://de.hccs.edu/student-services/
- If you just stop coming to class and you never officially withdraw yourself from the class, you will receive the grade you have earned based on the work that you have completed. This could mean getting an “F” for the course if required exams and assignments have not been completed. Instructors cannot change a grade of “F” to a grade of “W” after the withdrawal deadline.

INTERNATIONAL STUDENTS: Receiving a “W” in a course may affect the status of your student Visa. Once a W is given for the course, it will not be changed to an F because of the visa consideration. Please contact the International Student Office at 713-718-8520, if you have any questions about your visa status and other transfer issues.

Early Alert: To help students avoid having to drop/withdraw from any class, HCC has instituted an Early Alert process by which your professor may ”alert” you and HCC counselors that you might fail a class because of excessive absences and/or poor academic performance. It is your responsibility to visit with your professor or a counselor to learn about what, if any, HCC interventions might be available to assist you – online tutoring, child care, financial aid, job placement, etc. – to stay in class and improve your academic performance.

HCC 6 Drop Policy - Beginning Fall 2007, the State of Texas imposes penalties on students who withdraw/drop courses excessively. Students are limited to no more than SIX total course withdrawals throughout their educational career at a Texas public college or university. Students are encouraged to review the HCC 6 Drop Policy. To help you avoid having to withdraw from any class, contact your professor regarding your academic performance. You may also want to contact your counselor to learn about helpful HCC resources (e.g. online tutoring, child care, financial aid, job placement, etc.).

On-line Support Center: Eagle Online Orientation Movies and PDFs are available at http://de.hccs.edu/technical-support/. On the same page you can access Live Chat Support or get the number for Live Phone Support if you have any technical questions.
**ADA – Disability Policy**  Any student with a documented disability (e.g. physical, learning, psychiatric, vision, hearing, etc.) who needs to arrange reasonable accommodations must contact the Disability Services Office at Spring Branch at the beginning of each semester. Faculty is authorized to provide only the accommodations requested by the Disability Support Services Office. For questions, please contact Donna Price at 713.718.5165 or the Disability Counselor at Spring Branch Northwest ADA Counselor – Mahnaz Kolaini – 713.718.5422. After discussing reasonable accommodations with the ADA Counselor, **students must inform the instructor within the first week or two of classes** about any accommodation required for this course. Go to [http://de.hccs.edu/student-services/](http://de.hccs.edu/student-services/) for more details.

**DE Student Services**
The Distance Education Student Handbook contains policies and procedures unique to the DE student. It is the student’s responsibility to know and follow the policies described in the handbook’s contents. The handbook contains valuable information, such as DE contacts, policies and procedures (attendance requirements, withdrawal/drop procedures, etc.), student services (ADA, financial aid, degree planning, counseling, etc.), course information, testing procedures, technical support, and academic calendars. Refer to the DE Student Handbook by visiting this link: [http://de.hccs.edu/student-services/](http://de.hccs.edu/student-services/)

**EGLS (Evaluation for Greater Learning Student Survey System)**
At Houston Community College, professors believe that thoughtful student feedback is necessary to improve teaching and learning. During a designated time near the end of the term, you will be asked to answer a short online survey of research-based questions related to instruction. The anonymous results of the survey will be made available to your professors and department chairs for continual improvement of instruction. Go to [www.hccs.edu/egls3](http://www.hccs.edu/egls3) for more information.

**Student Learning Outcomes**  Upon completion of the course the successful student should be able to:

1. Apply the scientific method to empirical data and evaluate hypotheses.
2. Evaluate contrasting scientific viewpoints regarding the process of evolution.
3. Explain the basic terms and processes of Mendelian genetics.
4. Describe the structure of DNA and the process of mutation.
5. Identify and define the forces of evolution.
6. Describe at least one human biological variation that represents an adaptation to environmental factors.
7. Distinguish between the major categories of the living primates.
8. Describe variation in primate social behaviors and the reasons for that variation.
9. Identify major trends in early primate evolution.
10. Compare and contrast various Australopithecine and early *Homo* fossils and sites.
11. Describe the skeletal characteristics and culture of *Homo erectus*.
12. Compare early *Homo sapiens*, skeletally and culturally, to both *Homo erectus* and later *Homo sapiens*.
13. Evaluate different theories, based on both skeletal and genetic evidence, regarding the origins of anatomically modern humans.

**ANTH 2301 Core Competencies**

1. **Critical Thinking** – Students will assess the various explanations of evolution using scientific methods. There will be one or more assignments in which students will have to demonstrate their ability to analyze and synthesize information involving scientific topics (e.g. genetics, human adaptation, human variation, human origins, primatology) and how they apply to practical situations.

2. **Communications Skills** – Students will participate in group discussions and will complete class assignments where they will have to analyze a topic, synthesize information, and effectively communicate it. There will be one or more exercises in which students will have to demonstrate their competency in written communication skills with respect to class topics (e.g. genetics, human adaptation, human variation, human origins, primatology).

3. **Empirical & Quantitative Skills** – Students will work with real and hypothetical data sets and will solve problems related to population genetics using mathematical formulas at the college algebra level. There will be one or more exercises in which students will have to demonstrate their understanding of the scientific method, render observations into data, and perform basic computations.
4. **Teamwork** – Students will be required to read articles, view videos, and complete projects and discuss their results with the class.

**HOUSTON COMMUNITY COLLEGE MISSION STATEMENT**
The Houston Community College is an open-admission, public institution of higher education offering opportunities for academic advancement, workforce training, career development, and lifelong learning that prepare individuals in our diverse communities for life and work in a global and technological society.

**Department WebSite:** [http://northwest.hccs.edu/](http://northwest.hccs.edu/) (Click on Academic Programs, then on Psychology, Sociology, & Anthropology.)

**Northwest Learning Web for Physical Anthropology:** Go to HCC Learning Web [learning.hccs.edu](http://learning.hccs.edu), click on Program and choose Anthropology in the drop down menu.

**Learning Web for Anthropology** [http://learning.hccs.edu/subjects/anthropology](http://learning.hccs.edu/subjects/anthropology)
**Department WebSite:** [http://northwest.hccs.edu/](http://northwest.hccs.edu/) (Click on Academic Programs, then on Psychology, Sociology, & Anthropology.)

**Campus address:**
Houston Community College  
Northwest College, Spring Branch Campus  
1010 West Sam Houston Parkway North  
Houston, Texas 77043

**Assignments by Week – Physical Anthropology (ANTH 2301) Spring 2015**

This is an abbreviated version of the assignment schedule. Check the detailed assignment schedule on our Eagle Online 2 (EO2) Homepage “Weekly Assignments” on the first day of class and frequently thereafter.

The instructor reserves the right to make changes to the syllabus and class schedule to accomplish the goals of the course. If there are any changes made, the student will be notified in a timely manner and will be held responsible for those changes. Keep in touch and log in often. Always ask if you need clarification.

Note: Chapter quizzes are given each week on Friday, Saturday and Sunday. Students can choose which of the assigned days to take Quiz. A more detailed class schedule of assignments will be posted on the first day of class on EO2 Homepage.

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<thead>
<tr>
<th>Weekly Schedule</th>
<th>Assignments</th>
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| 1/20 to 25      | Read Chapter 1 – Introduction to Physical Anthropology  
Read article “Confirmation Bias” |
| 1/26 to 2/1     | Read Chapter 2 – The Development of Evolutionary Theory |
| 2/2 to 8        | **[Official date of record]** Students who have not logged-in by this date will be marked “never attended” and dropped from the course by the Registrar.  
Read Chapter 3 - The Biological Basis of Life |
| 2/9 to 15       | Read Chapter 4 – Heredity and Evolution |
| 2/16 to 22      | Read Chapter 5 – Processes of Macroevolution |
| 2/23 to 28      | Read Chapter 6 - Overview of Primates |
| 2/27 or 28      | **Mid-Term Exam covers Chapters 1 to 6 (must be taken on campus)** |
| 3/2 to 8        | Read Chapter 8 – Primate and Hominin Origins (pages 187 to 205)  
Study |
<table>
<thead>
<tr>
<th>Dates</th>
<th>Assignments/Notes</th>
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<tbody>
<tr>
<td>3/9 to 15</td>
<td>Read Chapter 8 – Primate and Hominin Origins (pages 205 to 229)</td>
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<tr>
<td>3/16 to 22</td>
<td>Spring Break no classes</td>
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<tr>
<td>3/23 to 30</td>
<td>Read Chapter 9 - Genus Homo Dispersal</td>
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<td>3/24</td>
<td>Last day to Withdraw with a grade of “W.”</td>
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<td>3/30 to 4/3</td>
<td>Read Chapter 10 – Premodern Humans</td>
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<tr>
<td>4/4 to 5</td>
<td>Easter Holiday no classes, no quizzes (Note: Quiz on Chapter 10 will be next weekend)</td>
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<tr>
<td>4/6 to 12</td>
<td>Read Chapter 11– Modern Humans (pgs 282 to 286)</td>
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<tr>
<td>4/13 to 19</td>
<td>Read Chapter 11– Modern Humans (pgs 287 to 309)</td>
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<tr>
<td>4/20 to 26</td>
<td>Read Chapter 12 - Human Variation and Adaptation</td>
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<tr>
<td>4/27 to 5/1</td>
<td>Read Chapter 14 – The Human Connection</td>
</tr>
<tr>
<td>5/7, 8 or 9</td>
<td>Our Final Exam is given only on-campus– no exceptions.</td>
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<tr>
<td>5/22</td>
<td>Grades are available to students on-line.</td>
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