University of North Texas at Dallas
Spring 2016
SYLLABUS

BIOL 1132: Environmental Science 3 Hrs			
Department of	Life and Health Sciences	**Division of**	Liberal Arts and Life Sciences

Instructor Name:	**Dr. Donna Hamilton**
Office Location:	**Room 250, Founders Hall**
Office Phone:	**972-338-1522**
Email Address:	Donna.hamilton@untdallas.edu

Office Hours:	**Monday 10:00-12:00** **Wednesday 10:00-12:00** **Other times and days available by appt.**

Classroom Location:	*TBD*
Class Meeting Days & Times:	**TBD**

Course Catalog Description:	Interdisciplinary approach to understanding basic concepts in environmental science including scientific though, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and affected by human society. Includes laboratory. May not be counted toward a major or minor in biology. May be sued to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

Corequisites:	**BIOL 1132 Laboratory**
Prerequisites:	**None**
Required Text or Websites:	1. Environmental Science for a Changing World. Second Edition. Macmillan Education ISBN: 97814641622-6 **Launchpad Access is REQUIRED** 2. Navigate Scenario Gamescape for Environmental Science. ISBN 9781284049794; access from http://www.jblearning.com/catalog/9781284049794/

Access to Learning Resources:	UNT Dallas Library:
	     phone: (972) 780-3625;
	     web: http://www.unt.edu/unt-dallas/library.htm
	 UNT Dallas Bookstore:
	     phone: (972) 780-3652;
	     e-mail: 1012mgr@fheg.follett.com

Course Goals or Overview: The goals of this course are as follows -	
	To introduce students to environmental science and to give students the background information needed to critically think about current environmental issues.

Course Outline

This schedule is subject to change by the instructor. Any changes to this schedule will be communicated in class or via class email or Blackboard announcement. Additional readings and activities may be added; these will be noted in class and online.

TOPICS	Lecture Deadlines	Lab Deadlines	Timeline
Environmental Literacy and the Goal of Sustainability	Quiz Chapter 1 Homework 1		Week of 1/19-1/25
Scientific Literacy and the Process of Science	Quiz Chapter 2	Gamescape Module 1	Week of 1/26-2/1
Information Literacy and Human Populations	Quiz Chapter 3/4	Garbage Tracker	Week of 2/2-2/8
Environmental Health	Quiz Chapter 5 EXAM 1 Thesis Statement due	Group Project proposal due	Week of 2/9-2/15
Community Ecology	Quiz Chapter 10 Homework 2	Gamescape Module 2	Week of 2/16-2/22
Biodiversity	Quiz Chapter 12 Homework 3	Primate Life Spans	Week of 2/23-2/29
Marine Systems and Grasslands	Quiz Chapter 29/30 Bibliography due		Week of 3/1-3/7
Water Pollution	Chapter 15/16 Quiz EXAM 2	Gamescape Module 3	Week of 3/8-3/14
Sustainable Agriculture	Quiz Chapter 17	Gamescape Module 4	Week of 3/22-3/28
Air Pollution	Quiz Chapter 20 Research Paper Rough Draft	Group Projects due	Week of 3/29-4/4
Climate Change	Quiz Chapter 21 EXAM 3	Gamescape Module 5	Week of 4/5-4/11
Nuclear Energy	Quiz Chapter 22 Research Paper Final		Week of 4/12-4/18
Sun, Wind, and Earth Energy	Quiz Chapter 23 Homework 4	Gamescape Feedback	Week of 4/12-4/25
Biofuels	Quiz Chapter 32 EXAM 4 Research Paper Presentation		Week of 4/26-5/2

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Course Evaluation Methods

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.
LECTURE

Grading Matrix:

Activities/Assignments		Total Points/Overall %
Discussion	14@ 10 points each	140/ 11%
Quizzes	14@ 10 points each	140/ 11%
Homework	4@ 25 points each	100/ 8%
Exams	4@100 points each	400/ 32%
Research Paper Thesis Statement	20 points	20/ 2%
Research Paper Bibliography	30 points	30/ 2%
Research Paper Rough Draft	50 points	50/ 4%
Research Paper Thesis Final	70 points	50/ 4%
Research Paper Presentation	50 points	50/ 4%
LAB POINTS		250 / 20%
Total:		**1250/100%**

Please notice that the assignments associated with the research paper comprise a total of 200 points or 16% of your overall grade!

LABORATORY

Grading Matrix:

Activities/Assignments		Total Points
Gamescape labs	6@ 20 points each	120
Garbage Tracker lab	20 points	20
Primate Life Span Lab	20 points	20
Group project proposal	30 points	30
Group Project	60 points	60
Total:		**250**

You must pass the laboratory portion of the class on its own to pass the course. No matter what your final average is in the Lecture assignments or all together, **if you do not pass the laboratory portion you will not pass the class.**

Grade Determination
A = 90% or better
B = 80 – 89 %
C = 70 – 79 %
D = 60 – 69 %
F = less than 60%

University Policies and Procedures

Students with Disabilities (ADA Compliance):

Chapter 7(7.004) Disability Accommodations for Students

The University of North Texas at Dallas makes reasonable academic accommodation for students with disabilities. Students seeking accommodations must first register with the Disability Services Office (DSO) to verify their eligibility. If a disability is verified, the DSO will provide you with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request accommodations at any time, however, DSO notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet/communicate with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see the Disability Services Office website at http://www.untdallas.edu/disability. You may also contact them by phone at 972-338-1777; by email at UNTDdisability@untdallas.edu or at Building 2, room 204.

Blackboard Learn Accessibility Statement:
University of North Texas at Dallas is committed to ensuring its online and hybrid courses are usable by all students and faculty including those with disabilities. If you encounter any difficulties with technologies, please contact our ITSS Department. To better assist them, you would want to have the operating system, web browser and information on any assistive technology being used. Blackboard Learn course management system's accessibility statement is also provided: http://www.blackboard.com/Platforms/Learn/Resources/Accessibility.aspx

NOTE: Additional instructional technology tools, such as Turnitin, Respondus, Panopto, and publisher cartridge content (i.e. MyLab, Pearson, etc.) may NOT be fully ADA compliant. Please contact our Disability Office should you require additional assistance utilizing any of these tools.

Student Evaluation of Teaching Effectiveness Policy:
Student's evaluations of teaching effectiveness is a requirement for all organized classes at UNT Dallas. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider students' evaluations to be an important part of your participation in this class.

Assignment Policy: I do not accept late work. If you have an excused absence or emergency, please let me know as soon as possible so we can make arrangements to make up those points.

Academic Integrity:
Academic integrity is a hallmark of higher education. You are expected to abide by the University's code of Academic Integrity policy. Any person suspected of academic dishonesty (i.e., cheating or plagiarism) will be handled in accordance with the University's policies and procedures. Refer to the Student Code of Academic Integrity at
http://www.untdallas.edu/sites/default/files/page_level2/pdf/policy/7.002%20Code%20of%20Academic_Integrity.pdf
for complete provisions of this code.

Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabrication of information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.

Classroom Policies

Online Attendance and Participation:

The University attendance policy is in effect for this course. Class attendance in the Blackboard classroom and participation is expected because the class is designed as a shared learning experience, and because essential information not in the textbook will be discussed in the discussion board. Online presence and participation in all class discussions is essential to the integration of course material and your ability to demonstrate proficiency. .

Attendance for this online or hybrid course is considered when you are logged in and active in Blackboard, i.e., posting assignments, taking quizzes, or completing Discussion Boards. To maintain financial aid award eligibility, activity must occur before the census date of the session or term of the course. Refer to http://www.untdallas.edu/registrar for specific dates. If you are absent/not active in the course shell, it is YOUR responsibility to let the instructor know immediately, upon your return, the reason for your absence if it is to be excused. All instructors must follow university policy 7.005 covering excused absences; however, it is the instructor's discretion, as outlined in the course syllabus, of how unexcused absences may or may not count against successful completion of the course

Inclement Weather and Online Classes: Online classes are not likely to be affected by campus closures due to inclement weather. Unless otherwise notified by your instructor via e-mail, online messaging, or online announcement, students should assume that assignments are due as scheduled.

Online "Netiquette:
In any social interaction, certain rules of etiquette are expected and contribute to more enjoyable and productive communication. Emails, Discussion Board messages and/or any other forms of written communication in the online environment should use proper "netiquette" (i.e., no writing in all caps (usually denotes yelling), no curse words, and no "flaming" messages (angry, personal attacks).

Racial, ethnic, or gender slurs will not be tolerated, nor will pornography of any kind.

Any violation of online netiquette may result in a loss of points or removal from the course and referral to the Dean of Students, including warnings and other sanctions in accordance with the University's policies and procedures. Refer to the Student Code of Student Rights Responsibilities and Conduct at http://www.untdallas.edu/osa/policies. Respect is a given principle in all online communication. Therefore, please be sure to proofread all of your written communication prior to submission.

Diversity/Tolerance Policy:
Students are encouraged to contribute their perspectives and insights to class discussions in the online environment. However, offensive & inappropriate language (swearing) and remarks offensive to others of particular nationalities, ethnic groups, sexual preferences, religious groups, genders, or other ascribed statuses will not be tolerated. Disruptions which violate the Code of Student Conduct will be referred to the Dean of Students as the instructor deems appropriate.

Technology Requirements: In order to successfully access the materials in an online or hybrid course, UNT Dallas advises that your computer be equipped with the minimum system requirements.

Blackboard Learn 9.1 is the platform software for this course. Blackboard Learn supports major web browsers such as Windows Internet Explorer, Apple Safari, Mozilla Firefox, and Google Chrome. However, since the latter two are updated continually, some recent versions may not be compatible. If you experience difficulty accessing or using components of the course, try using Internet Explorer. Also, no matter what browser you use, always enable pop-ups. For more information see:

- http://www.untdallas.edu/dlit/ecampus/requirements
- https://help.blackboard.com/en-us/Learn/9.1_SP_12_and_SP_13/Student/040_Browser_Support_for_SP_13
- https://learn.unt.edu/bbcswebdav/institution/BrowserCheck/check_full.html