

HARRISBURG AREA COMMUNITY COLLEGE BIOL 103 ONLINE (CRN 1388 = 3 credits)
Summer 2015 – July 6 to August 13
Science Division

COURSE DESCRIPTION: Introduction to the basic concepts of human ecology, such as population, natural resources, pollution, and current issues of environmental concern. (Core C)

INSTRUCTOR INFORMATION: Christine M. Bittinger, P.G.
Office: Blocker 232A

Phone Next Plus Texting # 951-225-1811. You can call me on this phone, but you will need to download FREE NEXTPlus app on your cell phone.

D2Learn E-mail: cmbittin@ehacc.edu

**Use the D2Learn email within the course. Not my general HACC email.

IMPORTANT - I EXPECT STUDENTS TO CORRESPOND WITH ME VIA D2LEARN COMMUNICATION TOOLS VERSUS MY HACC EMAIL. EMAIL IS THE PREFERRED METHOD OF CONTACTING ME!

The instructor of this course is C. Bittinger, Professor Of Environmental Science at HACC. She holds a Master's Degree in Engineering Geology from Drexel University and a Bachelor Degree in Environmental Science/Geology from Susquehanna University. She has over 7 years of professional environmental consulting experience on a variety of environmental cleanup and geotechnical projects. Her areas of specialty include contaminant transport in the subsurface, groundwater modeling, water supply and landfill design/monitoring. She has over 13 years committed to teaching environmental science courses at HACC>

OFFICE HOURS: by appointment or by phone conference appointment. Available by phone conference for office hours on Mondays from 8:00 am – 10:00 am and 4:00 pm – 5:00 pm.

FORMAT: This course is fully ONLINE content/lessons/homework assignments (in Desire2Learn and the textbook companion website www.MasteringEnvironmentalScience.com). The online course will be similar to the oncampus, classroom course to the extent possible; however, lessons will be conducted in a Web-based instructional format. These lessons will require an ongoing, independent effort by the student. The student who takes this course should have sufficient self-discipline to keep current with the assignments. It is tempting to procrastinate doing the assigned tasks until shortly before the examinations. Students who will be successful with this course are: 1. Proficient with the internet, computers, and have access to a reliable, modern personal computer 2. Self motivated and competent self-learner 3. Comfortable with learning from reading assignments and completing online homework/quizzes **ASSESS YOURSELF CAREFULLY...IF THIS DOESN'T DESCRIBE YOU, YOU WON'T BE HAPPY IN THIS COURSE.**

This class is conducted completely online. There are no required or optional on-campus meetings

COURSE COMMUNICATIONS:

EMAIL: D2LEARN E-MAIL: CMBITTIN@EHACC.EDU - Use this for private communications with me (the instructor). Please be sure to use the D2LEARN EMAIL feature to communicate any questions, comments or concerns that you may have regarding the course. DO NOT USE THE DISCUSSION / BULLETIN BOARD FEATURE AS A MEANS OF CONTACTING YOUR INSTRUCTOR. I will monitor the course site throughout the week (except for weekends) and make every effort to respond to your e-mail within 24 hours of when you post it. I WILL CHECK THE D2Learn EMAIL MUCH MORE FREQUENTLY THEN THE D2L DISCUSSION BOARD. Do not use the america online or your web browser email...nor my HACC email...It is easier to use the D2Learn mail options. Check your D2LEARN mail every time you log-in to D2Learn.

NEWS ANNOUNCEMENTS: Each week, I will post a news announcement regarding your assignments due that week. Check the NEWS ANNOUNCEMENT feature every time you log-in to D2Learn. I will also use the NEWS ANNOUNCEMENTS feature to inform you about course due dates, updates, changes, student concerns, etc.

DISCUSSION FORUMS: These forums are established to allow for student to student interaction regarding the course content with comments interjected by the instructor. You should expect significantly less instructor interaction than you may be used to in the classroom in this online course format. You should also expect to be proactive in interacting with the instructor if you want to enjoy this course. The instructor will access the course daily (at a minimum) during the week with preferential time on Mondays, Wednesdays and Fridays. The instructor will read discussion postings near the end of the week; though, do not expect a reply to every discussion posting—the purpose of discussions is for students to interact with each other and share their learning.

LEARNING OUTCOMES:

1. The student will be able to define and describe the basic concepts of ecology, such as food chains, biogeochemical cycles, biomes, succession, predator-prey relationships, homeostasis, productivity, etc.
2. The student will be able to state the dynamics of human population, interpret age-sex diagrams, and relate soil formation and types to food productivity.
3. The student will be able to describe the concepts, benefits, and hazards of pesticides and list their alternatives
4. The student will be able to describe the basic resources of air and water, explain the physical relationships of temperature and air density, the ability of water at different temperatures to dissolve oxygen, the creation of hurricanes, air inversions, and to list the stages of sewage treatment and the alternatives such as the composting toilet
5. The student will be able to differentiate between fossil fuels, nuclear power, and hard energy alternatives. The student will be able to describe the formation of fossil fuels and the limitations of coal, oil, and natural gas reserves. The student will be able to explain nuclear fission, isotopes and radioactive

decay, the generation of nuclear power with its safeguards and hazards, and the problems with disposal of radioactive wastes

6. The student will also be able to list alternative sources of energy, and describe the physics involved in wind, air, tidal, solar, and biomass energy generation

7. The student will be able to cite major current issues of public concern, and describe the basic science that underlies these issues

8. The student shall learn his/her role in environmental stewardship and sustainability

9. The student shall learn how to critically research and report on some controversial environmental issues.

10. The student shall become aware of some fiction and non fiction with environmental themes.

COURSE REQUIREMENTS: To successfully complete the course, each student will be required to:

1. Read Textbooks: Complete the Chapter Readings in your hardcopy textbook or online textbook.
2. Content Review: Review the online content materials in D2Learn for each chapter as well as the Study Area available within the www.masteringenvironmentalscience.com textbook companion website.
 - a. Review chapter lessons
 - b. Test Yourself Practice Quizzes
 - c. Extend Your Knowledge
 - d. Word Study Tools with Glossary and Electronic Flash Cards
 - e. Current Events
 - f. Go Green Videos and ABC News Videos for each assigned chapter reading.
3. Homework Assignments: Submit Homework Assignments as assigned each week. The online Homework Assignments consist of T/F, Multiple Choice, FIB, Matching questions. Many homeworks will be ONLINE through the MasteringEnvironmentalScience website that is a companion website to your textbook.

HOMEWORK:

1. **Online Homework assignments:** are assigned in D2Learn and require student to access via the www.masteringenvironmentalscience.com website. The due dates are posted within D2Learn and it is the responsibility of the student to complete the weekly online HW assignments by the specified due date and time.
2. **Reading Assignments:** Submit Reading Assignments as assigned each week. The Reading Assignments will be ONLINE through the MasteringEnvironmentalScience website that is a companion website to your textbook. These assignments consist of interactive problems that may require you to read and comprehend graphs, datasets or watch a video or read an article and then answer subsequent questions and so on. Online Reading assignments are assigned in D2Learn and require student to access via the www.masteringenvironmentalscience.com

website. The due dates are posted within D2Learn and it is the responsibility of the student to complete the weekly online HW assignments by the specified due date and time.

3. **Video Assignments:** Access Films on Demand via the HACC website to view assigned videos. Video assignments are included in your homework grade.
4. **Discussion Assignments:** Each week you are responsible for selecting a "Current Event" that relates to any of the chapter content being read that week. You are expected to create an original post by 11:59 pm on Wednesday of each week that details the following in an outline format (A through F):
 - a. Title, author, date and news source of the Current Event (include link to article if feasible)
 - b. In less than 50 words, define the topic, issue or problem that is being addressed in the Current Event (Include a picture or image if helpful to understanding the topic)
 - c. Identify a minimum of 2 key terms related to this topic and provide a brief definition in less than 25 words each.
 - d. One paragraph of less than 100 words discussing any controversial or unusual points associated with the topic (pro and con)
 - e. In less than 50 words, discuss the solution presented in the case study. Is the solution cost-effective? Explain how the solution does or does not address the root cause of the issue? Is this solution location specific or could it be applied in other countries?

It is also expected that you post TWO replies to other student Current Event posts before 11:59 on Friday of each week.

You can use multiple resources to find your current event to post:

- 1.) Login to www.masteringenvironmentalscience.com and click on "study area" in the upper right corner of the computer screen. Click on CURRENT EVENTS and select a current event from one of the chapters that you read for that week.
- 2.) Go to googlenews.com and search on a topic related to the chapters that you read for the week. Use a current event from within the past year for your posting. Make sure that your news resource is a viable resource.

There are 8 WEEKS during this summer course. As such, 4 posts per week x 6 weeks = 24 posts total in response to the CURRENT EVENT DISCUSSION assignment and those discussions posted by your fellow classmate.

Your posts to discussion forums should occur early on in the week so students can reply to your post. It is recommended that you your initial thoughts before Wednesday at 11:59 pm so subsequent replies to posts can occur by Fridays at 11:59 pm in order to receive full points and to allow time for discussion. Your objective is to accumulate 25 individual posts over a period of 8 weeks. Each post is worth 4 points for a total of 100 points for the semester. Your online participation in discussions is a 10% component of your final grade and will be graded according to the following scale (Each post is worth 4 points, not to exceed a total of 100 points)

A = 23 to 25 postings over the entire course

- B = 20 to 22 postings over the entire course
- C = 18 to 20 postings over the entire course
- D = 15 to 17 postings over the entire course
- F = 15 or fewer postings

The topics will be "turned on" and "turned off" as the course progresses, so if you lag behind you may not have a chance to post a message that may be requested during a lesson. If you would like to have a general conversation with your classmates (about any subject), go to the "General Discussion" forum. Please note that lesson-related discussion posts placed in "General Discussion" may not be read by the instructor and will not count for completing a lesson assignment.

The following rules apply to the Discussion Postings:

1. POSTS MUST BE SUBSTANTIVE IN CONTENT TO QUALIFY. One-sentence posts or posts saying "I agree", "Same as other students", etc, will not count. Posts pertaining to the course content which pose a question for the instructor or fellow students to answer can count. As course instructor, I will be the judge of which posts are valid versus not valid.
2. POSTS MUST BE ON TOPIC and not off topic.
3. POSTS TO "ENVIRONMENTAL SCIENCE IN THE NEWS" WILL COUNT. (I.E. CURRENT LOCAL, STATE AND NATIONAL ENVIRONMENTAL NEWS).
4. POSTS MUST RESPECT YOUR FELLOW STUDENTS. Any posts containing derogatory or demeaning statements about a fellow student's post will automatically result in a failing grade for the discussion component of the course. However, you are permitted to share your opinion even if it does not align with another students opinion as long as you follow proper "Netiquette"
5. POSTS TO "GENERAL DISCUSSION" FORUM WILL NOT COUNT.

PLEASE NOTE: DISCUSSION BOARDS ARE NOT THE PLACE FOR YOU TO POST QUESTIONS REGARDING CONTENT OF THE COURSE THAT YOU WISH FOR ME TO RESPOND TO. IN ADDITION, IT IS NOT THE PLACE FOR YOU TO POST COMMENTS REGARDING THE COURSE PROCEEDINGS OR QUESTIONS REGARDING HOW TO NAVIGATE THRU THE COURSE IF YOU WISH FOR ME TO RESPOND. ANY QUESTIONS YOU HAVE REGARDING THE COURSE SHOULD BE SENT TO ME BY D2LEARN EMAIL DIRECTLY SO THAT I CAN BE SURE TO RECEIVE AND REVIEW YOUR QUESTIONS.

I WILL NOT BE READING EVERY SINGLE DISCUSSION POSTING IN DETAIL, BUT RATHER RANDOMLY BROWSING FOR EACH STUDENT. IN ADDITION, I MAY OR MAY NOT RESPOND TO YOUR DISCUSSION POSTINGS AFTER READING. MORE LIKELY, I WILL REVIEW THEM FOR CONTENT AND POSTING REQUIREMENTS WITHOUT RESPONSE. I will read discussion postings near the end of the week; though, do not expect a reply to every discussion posting — the

purpose of discussions is for students to interact with each other and share their learning. You should also expect significantly less instructor interaction than you may be used to in the classroom.

5. **Quizzes and Exams:** Study for and complete all Quizzes and Exams presented in the course.

REQUIRED COURSE MATERIALS: TEXTBOOK: Richard T. Wright, Environmental Science: Toward A Sustainable Future, 12th Edition, Prentice Hall (2014) ISBN-10: 0321864859. MUST HAVE ACCESS CODE FOR MASTERINGENVIRONMENTALSCIENCE.COM WEBSITE

TEXTBOOK COMPANION WEBSITE FOR ACCESS FOR COURSE HOMEWORK: Login to My Environmental Science companion website to the textbook. Most lessons, quizzes and homeworks will be assigned via this companion website. <http://www.masteringenvironmentalscience.com/>. IT IS VERY IMPORTANT THAT YOU ACCESS THIS WEBSITE DURING THE FIRST WEEK OF CLASS. You must register to the companion BIOL 103 course via the www.masteringenvironmentalscience.com website with your ACCESS CODE. The student access code is a printed code supplied with your textbook for this course. During registration, be sure to select the 12th edition of textbook titled "Environmental Science" by Wright/Boorse. The CLASS ID to select for the course for the 2015 term is **MESBITTINGER81902** (Created by the instructor for the course at [masteringenvironmentalscience.com](http://www.masteringenvironmentalscience.com)). Document your login username and password for your future reference within the course.

Document your login username and password for your future reference within the course. If an ACCESS CODE was not provided with your textbook, then purchase a separate ACCESS CODE by contacting the textbook publisher or via <http://www.masteringenvironmentalscience.com/site/register/new-students.html> and please notify your instructor as well. Do not delay obtaining your access code because the homework due dates are set. Make sure you document your login username and password for your future reference within the course. Any technical support needed or to watch help videos, click on the link below: <http://www.masteringenvironmentalscience.com/site/support/faq-students.html> This link provides access to live chat help 24 hours a day. **You can also call 1-877-672-6877 for technical support.**

ACCESS TO D2LEARN (HACCs Online Course Supplement) – The chapter lessons and instructions on materials to study, review and complete will be available in the HACC Desire2Learn online interface for student access and viewing. Make sure you login to D2Learn during the first week of class and start reviewing the "GETTING STARTED" section.

ACCESS TO FILMS ON DEMAND (HACCs video library) – Go to www.hacc.edu, Click on Library, Click on Books and Media, Click on Films on Demand. Create a login for yourself. Make sure you document your login username and password for future reference within the course. You may access and use Films on Demand for the video components related to your course assignments as well. <http://digital.films.com/Dashboard.aspx>

COMPUTER REQUIREMENTS: In order to complete an online course you will need access to a computer which can access the Internet. The course operates off of a Web-based platform called Desire2Learn

(D2L) and navigation through the course is similar to commercial Web pages. D2L is fairly intuitive, though it does require some experience with using the Internet and World Wide Web. Please be fair in assessing your Internet browsing skills-- there is nothing more frustrating than trying to learn Environmental Science and how to use the Internet at the same time. In order for D2Learn to operate properly you should have:

- 1) Internet connection: 56K or high-speed preferred, but 28K will work
- 2) Browser software: Internet Explorer: Version 4.0 to 5.0, Netscape Navigator: Version 4.6x to 4.7x
- 3) Browser settings: Java and JavaScript Options turned on, Cookies turned on
- 4) Software that can generate *.html documents
- 5) Current word processing software (MSWord, WordPerfect, Lotus WordPro, etc.)
- 6) Front Page Adobe Acrobat Reader (free) Macromedia Flash Player (free)

PLEASE NOTE THAT YOU SHOULD ALSO TURN OFF ALL SPAM BLOCKER AND POP-UP BLOCKER PROGRAMS IN ORDER FOR WEB-CT TO OPERATE PROPERLY. YOU ALSO NEED TO SET YOUR WEB BROWSER TO ACCEPT COOKIES FROM THE WEB-CT SITE.

Please note that certain Internet options may cause problems with accessing and participating in the course. If you are experiencing any computer technical difficulty, it is suggested that you try another computer, more specifically, a HACC computer in one of our computers labs.

TIME TO ALLOW FOR LESSONS, READINGS, HOMEWORK: This course will require a strong commitment on your part if you are to do well. You should check in on the class at least three to four times a week. Your time commitment is expected to be approximately 30-40 hours/week. This is a 15 week course condensed into 6 weeks.

- You will be reading 4 chapters per week which may take the average student 4 hours/week.
- You are responsible for the Content Review via D2L and the online MES website which may take the average student 6 hours/week.
- You are responsible for each online Homework Assignment and Reading Assignment which may take the average student 12 hours/week.
- It is expected that you are committing about 4 hours/week for video assignments but this may vary pending the content.
- It is expected that you put forth up to 4 hours per week on discussion postings.

Each student's time commitment to this course will vary depending on their learning abilities and understanding of the material. IF YOU CANNOT ALLOW A COMMITMENT OF 30-40 HOURS/WEEK, YOU MAY NEED TO RECONSIDER YOUR WORKLOAD AND LIGHTEN IT AS NECESSARY.

Time for Exams and Quizzes are not included in the 30-40 hours per week estimate of student time because Exams and Quizzes are assessment tools to Gauge the learning and retention of course content material for each student.

SUMMER 2015 SCHEDULE: The course reading assignments, homeworks, videos and due dates are tentatively listed on the Course Schedule in D2Learn under the “Course Content” link. Each week, the instructor will post a NEWS item detailing out the submission requirements and due dates.

GRADING: Your grade will be determined by participation in discussions, homework submittals, and your performance on quizzes and exams. In addition, letter grades for mid-semester and final grade will be determined by your weighted average score using the percentages listed below. The grade scale will be used to assign grades and can be used to assess your performance on each exam and quiz. Grades will be assigned on the basis of 90% A, 80% B, 70% C, 60% D, below 60% F. Your grade will determined by the following distribution:

Exams and Final Project (50 - 100 pts. Each) (20%)

Class Discussion Postings (10%)

ONLINE Mastering Env. Science HW Assignments (20%)

ONLINE Mastering Env. Science Reading Quiz (20%)

VIDEO Assignments (10%)

Current Event Discussion (20%)

EXAMS: Examinations will test knowledge of assigned textbook reading material, homeworks, videos, and online reading review material regardless of whether or not it is discussed in lecture. The exams are online. The exams are open book and open note. There are four exams for this course. No re-testing will be allowed due to the number of students in the course. The 100 point exams will consist of multiple choice, T-F, problems and essays. Knowledge of terms and definitions is a must. Other questions will require synthesis of the information to formulate an answer. **NO MAKE-UP EXAMS PERMITTED. YOU HAVE A 7 DAY PERIOD TO TAKE YOUR EXAMS. THIS IS AMPLE OPPORTUNITY TO COMPLETE THE EXAM. IF YOU MISS AN EXAM, A “0” GRADE WILL BE ENTERED. NO EXCEPTIONS**

EXTRA CREDIT QUIZZES: There is an extra credit quiz per chapter. The extra credit quiz only counts for a “C” grade or higher. The Extra Credit Quiz scores are averaged at the end of the semester. The quiz average and # of quizzes attempted will be taken into consideration of determining the extra points added to the final grade of the semester.

The quizzes are short online assessments that test your understanding of the covered material for that chapter. After reading the chapter, the student will need to login to D2Learn. Complete the chapter quiz questions comprised of True/False, multiple choice, matching, and fill in the blank. The quizzes can be taken as open book. Upon submission of the quiz answers, the student should be able to view the quiz score. The quizzes are available during the week for which the chapters are assigned from Monday through the next Sunday. **NO MAKE-UP QUIZZES PERMITTED. YOU HAVE A 7 DAY PERIOD TO TAKE YOUR QUIZZES. THIS IS AMPLE OPPORTUNITY TO COMPLETE THE QUIZ**

GENERAL CLASS POLICY:

1. Students are expected to conduct themselves in a professional and courteous manner towards their fellow students and instructor. I will extend you the same courtesy.
2. I will make an effort to respond to emails within 24 hours (except on weekends). For anything that requires a long response, I may request that you call me during office hours.
3. Do not submit homework over email – I will not accept it. You should submit HW through the necessary drop boxes.
4. Academic integrity: Students are encouraged to discuss and study material in groups. However, for examinations and all individual submitted material, all work must be your own.
5. Assignments submitted late will not be accepted. Unless otherwise noted, assignments are due as specified on the D2Learn course calendar and in the news announcements.
6. All assignments must be typed unless otherwise specified. Assignments not typed are therefore late and will not be accepted.
7. Keeping up with the reading material is essential to understanding the topics that will be discussed in the classroom. It is expected that the reading assignments will be completed by the first class of the week for they are assigned. Reading assignments will be announced by the instructor.
8. Disabilities: It is HACC's policy to make reasonable accommodations for qualified students with disabilities. All students with special requests or need for accommodations should make this request in person as soon as possible.

LATE ASSIGNMENTS AND MISSED EXAMS POLICY:

Quizzes, Exams, HW, Reading Assignments and Discussion Posting due dates are clearly announced via D2Learn and by the instructor at the beginning of class. Quizzes, Exams, HW, Reading Assignments and Discussion Posting are due on the dates posted with no exceptions. Quizzes (including extra credit), Exams, HW assignment, Chapter Reading Assignments and Discussion Posting are scheduled to provide the student with a SEVEN day window to take each quiz/HW which provides sufficient time for the student to arrange their schedule. If you miss a HW, discussion posting, reading assignment, Quiz or Exam, the instructor will assign a "0" grade. If you miss an Exam, the instructor will assign a "0" grade. No exceptions. You must coordinate your schedule effectively. This is a large class size and each of you are responsible to turn your work in on time.

ATTENDANCE AND WITHDRAWAL POLICY: Attendance in an online course means active participation in the class will be expected at least two to three days per week. If for some reason you can not log into the class during any particular week, you will still be responsible for knowledge of the material covered in the course that week. If you will not be logging into the course for an extended period of time, more than one weeks, you should contact the instructor to see what arrangements can be made to continue

your active participation in the class. Repeated or protracted unexcused absence from logging into the course may result in faculty initiated withdrawal from the course. Per Administrative Procedure 661, the instructor is allowed to:

1. Reduce course grades after unexcused absences exceed 10% of the total class hours that will take place throughout the course of the semester. This equates to 2 weeks of class work.
2. Drop a student from a class with the concurrence of the division administrator when unexcused absences exceed 15% of the total class hours that will take place throughout the course of the semester and when the excessive absences preclude the possibility of the student completing the stated objectives for the course.
3. If for some reason you wish to withdraw from this course, it is YOUR RESPONSIBILITY to complete and SUBMIT the necessary paperwork. (i.e. drop form downloaded from HACC website or obtained from any office on campus). Those students who do not complete the course, and have not withdrawn from the course or made some other arrangement with the instructor, will be assigned a failing grade = F.
REFUND DATES POLICY: If you drop the course, please refer to HACC REFUND DATES for the respective semester by visiting the HACC Website: <http://www.hacc.edu/Academics/CollegeCalendars/Refund-Dates.cfm> <http://www.hacc.edu/StudentServices/Registrar/Refund-Info.cfm>

The last date to drop the course and still receive a full refund is 6/19/14 for SUMMER 2014 term. The last date to drop the course without the instructors approval or grade and still receive a 50% refund is 6/23/14 for SUMMER 2014 term. After these dates, you are committed to the course and no refund will be extended and a grade of a "W" or "F" will be assigned at the discretion of the instructor.

ACADEMIC DISHONEST POLICY: Honesty and integrity are the foundations to being a good student. Academic dishonesty is defined as an intentional act of deception in which a student seeks to claim credit for the work or effort of another person, or uses unauthorized material or fabricated information in any academic work. The following behaviors will be considered cheating, will not be tolerated, and will result in a failing grade for the assignment:

1. Arranging with other students to give or receive answers on an exam.
2. Conversing online, by telephone, or otherwise receiving assistance from another person while taking an exam (in the case where two students are involved, both students involved will be considered to be cheating).
3. Copying from another student's exam or class assignments.
4. Allowing another student to copy from you during an exam or class assignment.
5. Giving or receiving aid or referring to any written information source during an exam or quiz, unless permitted by instructor.
6. Plagiarism (copying material directly from the textbook or other sources to complete class assignments). Plagiarism is taking someone else's language, ideas or thoughts and representing them as your own. Paraphrasing without citation is also a form of plagiarism.
7. Any other activities defined as Academic Dishonesty in HACC Administrative Procedure 594.

INSTANCES OF CHEATING OR ACADEMIC DISHONESTY WILL BE ADDRESSED IN ACCORDANCE WITH HACC POLICY AND ADMINISTRATIVE PROCEDURE, ACADEMIC DISHONESTY POLICY 594. PENALTIES IN THIS COURSE CAN INCLUDE, BUT ARE NOT LIMITED TO, LOSS OF CREDIT FOR AN ASSIGNMENT, LOWERING OF GRADE, FAILURE OF AN EXAM, AND POSSIBLE FAILURE OF THE COURSE.

PHRC Syllabus Requirement

EEOC POLICY 005: It is the policy of Harrisburg Area Community College, in full accordance with the law, not to discriminate in employment, student admissions, and student services on the basis of race, color, religion, age, political affiliation or belief, gender, national origin, ancestry, disability, place of birth, General Education Development Certification (GED), marital status, sexual orientation, gender identity or expression, veteran status, genetic history/information, or any legally protected classification. HACC recognizes its responsibility to promote the principles of equal opportunity for employment, student admissions, and student services taking active steps to recruit minorities and women. The Pennsylvania Human Relations Act ("PHRAct") prohibits discrimination against prospective and current students because of race, color, sex, religious creed, ancestry, national origin, handicap or disability, record of a handicap or disability, perceived handicap or disability, relationship or association with an individual with a handicap or disability, use of a guide or support animal, and/or handling or training of support or guide animals. The Pennsylvania Fair Educational Opportunities Act ("PFEAct") prohibits discrimination against prospective and current students because of race, religion, color, ancestry, national origin, sex, handicap or disability, record of a handicap or disability, perceived handicap or disability, and a relationship or association with an individual with a handicap or disability. Information about these laws may be obtained by visiting the Pennsylvania Human Relations Commission website at www.phrc.state.pa.us. If an accommodation is needed, please contact the disability coordinator for your campus: <http://www.hacc.edu/StudentServices/DisabilityServices/Contact-Us.cfm> [NOTE: Include information from below for your campus.] HACC Harrisburg Campus Carole Kerper (clkerper@hacc.edu) Cooper 230 One HACC Drive Harrisburg PA 17110 Phone: 717-780-2614 Fax: 717-780-2335 PERSONAL NOTE! I believe this course will be a rewarding experience for you. Remember that your personal study

BIOL 103 SUMMER 2015 SCHEDULE:

During Week of 7/6-7/12

Discussion Posting: Select one CURRENT EVENT from any of the following chapters for this week and post 1 original CURRENT EVENT discussion posting by Wednesday. Then be sure to post 2 replies to your fellow student CURRENT EVENT discussion posting by Friday of each week.

CH 1: Introduction: Toward A Sustainable Future (Read textbook and review online content)

Discussion Posting: See Above

Any Videos assigned completed by Sunday – Earth Report: State Of Planet Worksheet and Discussion Post

Chapter Homework completed by Sunday

Chapter Reading Quiz completed by Sunday

Chapter Extra Credit Quiz Completed by Sunday

CH 3: Basic Needs of Living Things (Read textbook and review online content)

Discussion Posting: See Above

Any Videos assigned completed by Sunday

Chapter Homework completed by Sunday

Chapter Reading Quiz completed by Sunday

Chapter Extra Credit Quiz Completed by Sunday

CH 4: Populations & Communities (Read textbook and review online content)

Discussion Posting: See Above

Any Videos assigned completed by Sunday

Chapter Homework completed by Sunday

Chapter Reading Quiz completed by Sunday

Chapter Extra Credit Quiz Completed by Sunday

CH 5: Ecosystems: Energy, Patterns & Disturbance (Read textbook and review online content)

Discussion Posting: See Above

Any Videos assigned completed by Sunday

Chapter Homework completed by Sunday

Chapter Reading Quiz completed by Sunday

Chapter Extra Credit Quiz Completed by Sunday

During Week of 7/13 -7/19

Discussion Posting: Select one CURRENT EVENT from any of

the following chapters for this week and post 1 original CURRENT EVENT discussion posting by Wednesday. Then be sure to post 2 replies to your fellow student CURRENT EVENT discussion posting by Friday of each week.

CH 6: Wild Species and Biodiversity (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 7: Eco Use and Restoration (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 8: Human Population (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday – How Many People Live on Planet Earth Worksheet and Discussion Post
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 9: Population And Development (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

During Week of 7/20-7/26

Discussion Posting: Select one CURRENT EVENT from any of

the following chapters for this week and post 1 original CURRENT EVENT discussion posting by Wednesday. Then be sure to post 2 replies to your fellow student CURRENT EVENT discussion posting by Friday of each week.

CH 23: Sustainable Communities (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 12: The Production and Distribution of Food (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 13: Pests and Pest Control (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 21: Municipal Solid Waste (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

EXAM 1: (CH 1, 3, 4, 5, 6, 7) Available 7/20-7/26

During Week of 7/27-8/2

Discussion Posting: Select one CURRENT EVENT from any of the following chapters for this week and post 1 original CURRENT EVENT discussion posting by Wednesday. Then be sure to post 2 replies to your fellow student CURRENT EVENT discussion posting by Friday of each week.

CH 22: Hazardous Chemicals (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 17: Environmental Hazards (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 10: Water: Hydrologic Cycle (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 20: Water Pollution and Prevention(Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

EXAM 2 (CH 8, 9, 23, 12, 13) Available 7/27- 8/2

During Week of 8/3-8/9

Discussion Posting: Select one CURRENT EVENT from any of the following chapters for this week and post 1 original CURRENT EVENT discussion posting by Wednesday. Then be sure to post 2 replies to your fellow student CURRENT EVENT discussion posting by Friday of each week.

CH 14: Energy From Fossil Fuels(Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 15: Energy From Nuclear Power (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 16: Renewable Energy (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

EXAM 3 (CH 22, 17, 10, 20, 21) Available 8/3-8/9

During Week of 8/10-8/13

Discussion Posting: Select one CURRENT EVENT from any of the following chapters for this week and post 1 original CURRENT EVENT discussion posting by Wednesday. Then be sure to post 2 replies to your fellow student CURRENT EVENT discussion posting by Friday of each week.

CH 18: Global Climate Change (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 19: Atmospheric Pollution (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

CH 2: Economics and Public Policy (Read textbook and review online content)

Discussion Posting: See Above
Any Videos assigned completed by Sunday
Chapter Homework completed by Sunday
Chapter Reading Quiz completed by Sunday
Chapter Extra Credit Quiz Completed by Sunday

EXAM 4 (CH 14, 15, 16, 18, 19, 2) Available 8/8-8/13