

<b>Hudson County Community College</b>		
<b>Course Title</b>	ENV 110: Introduction to Environmental Studies	Credits: 3
<b>Course Description</b>	Introduction to Environmental Studies focuses on various aspects of biology, chemistry, geology, physics and social science and their interplay in shaping and influencing the environment. In this course students learn about climate change, ecology, air and water pollution, human population, and renewable and non- renewable sources for power generation, sustainable agriculture, formation and preservation of soil, and genetically modified food.	
<b>Course Prerequisite</b>	ENG 101	

Textbook	<b>The Environment and You by Norm Christensen, Lissa Leege, and Justin St. Juliana – 3<sup>rd</sup> Edition, Pearson</b> ISBN-13: 978-0134646053 ISBN-10: 9780134646053
Required Resources	None
Supplemental Materials	<b>None</b>

## I. Technical Requirements

- For your Canvas course to function correctly, you should use the latest version of your web browser. Details on browser, plug-ins, and settings are described here:  
<https://community.canvaslms.com/docs/DOC-10720>

## II. Course Goals & Activities

Unit	Unit Title	Goals	Reading	Activities
1	Environment Sustainability and Science	<p>Apply the scientific method to solve environmental problems.</p> <p>Explore scientific theories related to molecular composition of organisms and the living environment.</p> <p>Identify and discuss scientific and social principles of sustainability.</p>	<p>Lecture Environment Sustainability and Science</p> <p>Powerpoints provided</p>	<p><b>DQ1: Unit 1</b></p> <p><b>Quiz: Unit 1</b></p>

2	Environmental Ethics, Economics, Policy and Population Ecology	<p>Apply the scientific method to solve environmental problems.</p> <p>Explain and interpret the scientific principles of community ecology and population ecology.</p> <p>Identify and discuss scientific and social principles of sustainability</p>	<p>Read Chapter: “ Environmental Ethics, Economics, and Policy” Powerpoints for this lecture are also provided</p> <p>Read Chapter: “ Organism, Population Ecology and Evolution ” Powerpoints for this lecture are also provided</p>	<p><b>DQ: Unit 2</b>  <b>AS: Unit 2</b>  <b>Quiz: Unit 2</b></p>
3	Communities and Ecosystems	<p>Apply the scientific method to solve environmental problems.</p> <p>Explore scientific theories related to molecular composition of organisms and the living environment.</p> <p>Explain and interpret the scientific principles of community ecology and population ecology.</p> <p>Assess the scientific principle of conservation biology and explain the benefits of biodiversity</p>	<p>Read Chapter: “ Communities and Ecosystems” &amp; Biodiversity and Conservation Powerpoints for this lecture are also provided</p>	<p><b>DQ: Unit 3</b>  <b>AS: Unit 3</b>  <b>Quiz: Unit 3</b></p>
4	MIDTERM EXAM & Lecture Air Quality and Water	<p>Apply the scientific method to solve environmental problems.</p>	<p>Read the two lectures: “ Air Quality and Water” and</p>	<p><b>Midterm Exam</b>  <b>50 multiple choice questions covering units 1 to 3</b></p>

	Agriculture and the Ecology of Food	<p>Explore scientific theories related to molecular composition of organisms and the living environment.</p> <p>Explain and interpret the scientific principles of community ecology and population ecology.</p> <p>Assess the scientific principle of conservation biology and explain the benefits of biodiversity</p> <p>Discuss the chemical, scientific principles and ethical aspects in managing waste</p>	<p>“Agriculture and the Ecology of Food” Powerpoints are provided</p>	
5	Forest Resources and Energy	<p>Apply the scientific method to solve environmental problems.</p> <p>Explore scientific theories related to molecular composition of organisms and the living environment.</p> <p>Explain and interpret the scientific principles of community ecology and population ecology.</p> <p>Assess the scientific principle of conservation biology and explain the benefits of biodiversity</p> <p>Identify and discuss scientific and social principles of sustainability</p>	<p>Read The lectures for Forest Resources &amp; Non-Renewable Energy and Electricity. Power points are provided</p>	<p><b>DQ:</b> Unit 5  <b>AS:</b> Unit 5  <b>Quiz:</b> Unit 5</p>

6	Waste Management The Environment and Human Health	<p>Apply the scientific method to solve environmental problems.</p> <p>Explore scientific theories related to molecular composition of organisms and the living environment.</p> <p>Explain and interpret the scientific principles of community ecology and population ecology.</p> <p>Assess the scientific principle of conservation biology and explain the benefits of biodiversity</p> <p>Discuss the chemical, scientific principles and ethical aspects in managing waste</p> <p>Identify and discuss scientific and social principles of sustainability</p>	Read the two chapters covering: "Waste Management" & "The Environment and Human Health".	<p><b>DQ:</b> Unit 6</p> <p><b>AS:</b> Unit 6</p> <p><b>Quiz:</b> Unit 6</p>
7	FINAL EXAM	<p>Apply the scientific method to solve environmental problems.</p> <p>Explore scientific theories related to molecular composition of organisms and the living environment.</p> <p>Explain and interpret the scientific principles of community ecology and population ecology.</p>		<p><b>FINAL EXAM COVERING UNITS 4 TO 7</b></p>

	<p>Assess the scientific principle of conservation biology and explain the benefits of biodiversity</p> <p>Discuss the chemical, scientific principles and ethical aspects in managing waste</p> <p>Identify and discuss scientific and social principles of sustainability</p>		
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### III. Activities Values

Learning Activities	Points	Weighting
Discussions	260	26%
Content Assessments	350	35%
Assignments	390	39%
<b>Total</b>	<b>1000</b>	<b>100%</b>

### IV. Grading Scale

Letter Grade	Points
<b>A</b>	940 -1,000
<b>A -</b>	900 - 939
<b>B +</b>	870 -899
<b>B</b>	840 - 869
<b>B -</b>	800 - 839
<b>C +</b>	770 - 799
<b>C</b>	700 - 769
<b>D</b>	600 - 699
<b>F</b>	599 or below

### V. Learning activities Policies

#### 1. Late Assignments

Late assignments receive a 10% deduction for each day they are late if assignments are not posted by 11:59 p.m. E.S.T. on the day they are due. Assignments more than 4 days late will not be accepted. Technological issues are not considered valid grounds for late assignment submission. In the event of a Canvas outage, students should submit assignments when systems are restored. Unless an Incomplete

grade has been granted, assignments submitted after the last day of course will not be accepted.

## 2. Discussion Questions

In each Unit students will be required to actively participate in two Discussion Questions. Participation will be evaluated quantitatively and qualitatively by the Faculty Member. Students will be expected to post their initial response to the first Discussion Question by Day 2 of the Unit. For the second Discussion Question student must post their initial response by Day 4. In turn, students will post responses to their colleagues and Faculty Member by Day 7 of the Unit. Initial Discussion responses that are not submitted by their respective due dates will be assigned a late. Discussion postings are not accepted after the Unit has closed.

## 3. Temporary Loss of Internet Access

If a student's computer is not functioning properly or if there is loss of Internet for a period, it is the student's responsibility to contact their Faculty Members and inform them of the situation. This, however, is not a valid excuse for not participating in a Discussion or submitting an Assignment on time. Students are advised to have technology back-up plans in the event of this occurring.

## 4. Extra Credit

Extra credit is not permitted in Hudson Online courses.

## 5. Netiquette and Flaming

Online etiquette ("netiquette") is extremely important and it is imperative that we always respect one another. Students should keep in mind the following when posting to discussion boards and communicating with classmates and their Faculty Members.

- Never write discussion posts in CAPS. On the Internet, writing in caps may be considered equivalent to yelling at someone.
- Use of profanity is never acceptable in an academic environment.
- The online course environment is not a place to send junk mail or chain letters to classmates. Please only communicate with your Faculty Member or classmates on course issues
- Remember that a "tone" can be misinterpreted in e-mail because the recipient does not get the benefit of viewing body language. Avoid sarcasm at all costs.
- Always keep in mind that once an e-mail is sent, what you have said is in writing forever.

## 6. Flaming

Flaming is the expression of extreme emotion or opinion in an e-mail or class posting.

- Flaming has occurred when anyone in a course, Faculty Member, or student, is being verbally abusive in discussions or in an e-mail.
- If students find themselves in this type of situation, they should e-mail their Faculty Members directly with their concerns.
- Students who are guilty of flaming may be removed from their courses.

## VI. Academic Integrity

Academic integrity is central to the pursuit of education. For students at HCCC, this means maintaining the highest ethical standards in completing their academic work. In doing so, students *earn* college credits by their honest efforts. When they are awarded a certificate or degree, they have attained a goal representing

genuine achievement and can reflect with pride on their accomplishment. This is what gives college education its essential value.

Violations of the principle of academic integrity include:

- Cheating on exams.
- Reporting false research data or experimental results.
- Allowing other students to copy one's work to submit to instructors.
- Communicating the contents of an exam to other students who will be taking the same test.
- Submitting the same project in more than one course, without discussing this first with instructors.
- Submitting *plagiarized work*. *Plagiarism* is the use of another writer's words or ideas without properly crediting that person. This unacknowledged use may be from published books or articles, the Internet, or another student's work.

When students act dishonestly in meeting their course requirements, they lower the value of education for all students. Students who violate the college's policy on academic integrity are subject to failing grades on exams or projects, or for the entire course. In some cases, serious or repeated instances of academic integrity violations may warrant further disciplinary action.

## **VII. Disability Support Services**

Students with disabilities who believe that they might need accommodations in this class are encouraged to schedule an appointment with Disabilities Support Services at (201) 360-4157, as soon as possible to better ensure that such accommodations are implemented in a timely fashion. All disabilities must be documented by a qualified professional such as a Physician, Licensed Learning Disabilities Teacher Consultant (LDTC), Psychiatrist, Psychologist, Psychiatric Nurse, Licensed Social Worker or Licensed Professional Counselor, who is qualified to assess the disability that the student claims to have and make recommendations on accommodations for the student. All information provided to the Disability Support Services Program will be confidential between the program, professors involved with the student, and individual student.