

## **Introduction to Environmental Science Syllabus**

**EVR1001, Summer 2019, June 24 - July 26**

### **Course & Faculty Information**

**Lecturer:** TBA

**Email:** TBA

**Time:** Monday through Friday

**Contact hour:** 45 hours

**Credit:** 3

**Office hours:** By Appointment

### **Course Description**

This is a three credit hour general education course with no prerequisites. Students will study the impact of human systems on the physical and biological environment as well as discuss possible solutions to today's environmental problems. Topics include ecology, natural resources, energy, pollution, population growth, urbanization, and sustainability.

### **Textbook Information**

*Essential Environment the Science Behind the Stories*

Jay Withgott Matthew Laposata English; ISBN-10: 0321984579; ISBN-13: 978-0321984579

### **Grades and Attendance**

Your final grade in this course is based upon performance on four lecture examinations (72% in total, 18% each) and in daily work (in-class exercises, homework, quizzes, and participation, 28%). There are four scheduled in-class examinations. Exams primarily concern material covered since the most recent exam; however, they may include some cumulative material from earlier in the term. Exams may include material from assigned text readings as well as lecture. Reading assignments will be scheduled as the course progresses. Quizzes may be announced or unannounced. In-class exercises may also be announced or unannounced. It is imperative that you attend class regularly. You will be allowed to make up work for full credit only under extreme circumstances (such as a documented, serious health-related emergency). In-class exercises for this course may require extensive setup and typically cannot be made up. Poor attendance, habitual tardiness, and disruptive conduct will adversely affect your grade. Class attendance is mandatory, attendance will be taken every day at the beginning of class. Quizzes (both announced and unannounced) will be generally given at the beginning of class; latecomers will not be given extra time to complete quizzes. Cheating will not be tolerated. This includes giving or receiving aid on a quiz or exam and plagiarizing the work of others

(including your classmates). There will likely be homework or in-class work that will allow for collaboration, but all work you turn in must be in your own words.

### **Grading Scale:**

A = 90-100%

B = 80-89%

C = 70-79%

D = 60-69%

F = Below 60%

### **Attendance/Makeup Policy**

**If you cannot attend an examination due to emergency, consult with your instructor ASAP via e-mail.**

Even with a verified excuse, **makeup exams will generally not be worth full credit.**

**In-class exercises cannot generally be made up**, even with a verified excuse. These require time-consuming setup and the classroom is busy most of the week with other classes. Exam and exercise dates are shown in bold in the schedule below.

**Homework will be occasionally assigned** in class throughout the term. It is your responsibility to keep up with these assignments.

### **Measurable Course Objectives**

Upon successful completion of this course the student will be able to:

- Describe the nature of the biosphere and links between the living and non-living world
- Comprehend the impact of humans and other organisms on the environment
- Understand regional and worldwide population trends
- Recognize the problems associated with solid waste and air and water pollution.
- Differentiate among the various sources of energy in terms of their advantages and disadvantages.
- Understand the concept and importance of sustainability.

### **Classroom rules**

Please respect the education of your fellow students. No disruption of education is allowed while class is in session. The following are not allowed:

1. Side conversations or disruption during lecture and class discussion.
2. Use of cell phones. Cell phones must be turned off during class.

3. Use of notebook computers to access information not relevant to the course.
4. Food

## **Academic Integrity**

As members of the Seminole State College of Florida community, students are expected to be honest in all of their academic coursework and activities.

Academic dishonesty, such as cheating of any kind on examinations, course assignments or projects, plagiarism, misrepresentation and the unauthorized possession of examinations or other course-related materials, is prohibited.

Plagiarism is unacceptable to the college community. Academic work that is submitted by students is assumed to be the result of their own thought, research or self-expression. When students borrow ideas, wording or organization from another source, they are expected to acknowledge that fact in an appropriate manner. Plagiarism is the deliberate use and appropriation of another's work without identifying the source and trying to pass-off such work as the student's own. Any student who fails to give full credit for ideas or materials taken from another has plagiarized.

Students who share their work for the purpose of cheating on class assignments or tests are subject to the same penalties as the student who commits the act of cheating.

When cheating or plagiarism has occurred, instructors may take academic action that ranges from denial of credit for the assignment or a grade of "F" on a specific assignment, examination or project, to the assignment of a grade of "F" for the course. Students may also be subject to further sanctions imposed by the judicial officer, such as disciplinary probation, suspension or dismissal from the College.

Class Schedule:

## **Course Outline:**

**Week 1: Unit 1 Chapters 1-3 Science and Sustainability; Environmental Systems; Evolution, Biodiversity, and Population Ecology**

**Week 2: Unit 2 Chapters 4,6, and 17 Species Interactions and Community Ecology; Human Population; Managing Our Wastes**

**Week 3: Unit 3 Chapters 11, 12 Geology, Minerals, and Mining; Fresh Water, Oceans, and Coasts**

**Week 4: Unit 4 Chapters 13, 14 Atmospheric Science, Air Quality, and Pollution Control; Global Climate Change**

**Week 5: Unit 5 Chapters 15, 16 Nonrenewable Energy Sources, Their Impacts, and Energy Conservation; Renewable Energy Alternatives**

**July 27- Final Exam**

Monday	Tuesday	Wednesday	Thursday	Friday
June 24	June 25	June 26	June 27	June 28
Introduction to Class Chapter 1	Chapter 1	Chapter 1 Quiz Chapter 2 (pages 21-37)	Chapter 2 quiz Chapter 3	<b>Exam 1 (Chapters 1-3)</b>
July 1	July 2	July 3	July 4	July 5
Chapter 4	Chapter 4 Quiz Chapter 6	Chapter Quiz 6 Chapter 17	Finish Chapter 17	<b>Exam 2 (Chapters 4, 6, 17)</b>
July 8	July 9	July 10	July 11	July 12
Chapter 11	Chapter 11	Chapter 11 Quiz Chapter 12	Finsh Chapter 12	<b>Exam 3 Chapter 11, 12</b>
July 15	July 16	July 17	July 18	July 19
Chapter 13	Chapter 13	Chapter 13 Quiz Chapter 14	Chapter 14	<b>Exam 5 Chapters 13, 14</b>
July 22	July 23	July 24	July 25	July 26
Chapter 15	Chapter 15 quiz Chapter 16	Chapter 16	<b>Exam 4 (Chapters 15, 16)</b>	<b>Final Exam (Chapters 1,2,3,4,6,17,11,12,13,14,15,16)</b>

<p style="text-align: center;"><b>Class requirements</b></p>	<p style="text-align: center;"><b>Homework</b></p> <p>Pre-class homework assignments will be given to prepare for the daily lectures. Post-class homework assignments will be due the following day after the completion of the chapter in class.</p>	<p style="text-align: center;"><b>Quizzes</b></p> <p>Quizzes will be given on each chapter except those the day before an exam.</p>	<p style="text-align: center;"><b>Exams</b></p> <p>Exams will be given during class time and will consist of multiple choice, fill in the blank, matching and labeling questions.</p>