

# IOWA WESTERN COMMUNITY COLLEGE

## COURSE SYLLABUS

### ENV-111-OL01: ENVIRONMENTAL SCIENCE

TERM: SUMMER 2019

#### I. FACULTY INFORMATION:

Instructor: Nick Smith	Office: CLK 218E
Phone: 712.325.3406	Student Assistance Hours: Make appointments by email
E-mail: nsmith@iwcc.edu	

#### II. COURSE INFORMATION:

ENV 111	Environmental Science	Credits 4	Lecture 3	Lab 1
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#### **COURSE MEETING TIMES:**

Course shells are available online 24/7.

#### **COURSE DESCRIPTION:**

Environmental Science is designed for students interested in ecology. Topics include: ecological principles and the study of ecosystems; population dynamics; water, air, soil, food, waste and energy resources; and sustaining bio-diversity of species and ecosystems. Laboratory work complements each topic of study.

**REQUIRED TEXTBOOKS:** This Course uses Cengage Unlimited. You will be automatically billed for this subscription at the beginning of this course. It is possible that if you had a course in Cengage Unlimited in the fall you may not be charged again or you will not be charged again if you have a Cengage Unlimited course in the spring semester.

2. Cengage Unlimited subscriptions printed access card – price to student  
Includes option to rental a textbook upon activation of MindTap for \$7.99  
\$119.99 / 4 months (1 semester or term) - 9780357700037

#### **SUPPLEMENTAL MATERIALS:**

Students can download the free version of Office 365 Suite from their ROC Portal Page for use in their courses. Students are responsible for protecting their own computer equipment through use of anti-virus and anti-malware tools for work within their IWCC courses; they may consider [these free options](#) (click on link).

Students using computers in labs and other facilities on campus are further held to the standards of IWCC Acceptable Use Policy and the Computer Ethics and Use Policy. Both are located on the ROC Student Portal Page under the *Technology* menu button FAQ area.

### **COURSE LEARNING OBJECTIVES AND COURSE COMPETENCIES:**

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

- A. The student should be able to understand and apply ecological principles.
- B. The student should understand the role of evolution in speciation.
- C. The student should be able to analyze population dynamics.
- D. The student should be able to evaluate the world's resources and pollution problems.

### **COURSE PRACTICES:**

Attendance will be taken for each class session. All course work must be submitted through the ROC LMS. Emailed work will not be accepted without prior instructor approval.

### **Assignments, Quizzes, and Exams:**

All assignment, quizzes and exams must be completed within the given window. As these will be open for more than a day, no excuses will be allowed in making these up. There will be no retakes for any quizzes or exams.

### **Extra Credit:**

If any extra credit is available, it will be available for the entire class and announced by the instructor. If at the end of the semester, you are only a few points away from the next grade, I WILL NOT give you extra credit, so do not ask. Keep track of your grade and adjust your effort accordingly to achieve your desired grade.

### **PARTICIPATION REQUIREMENTS FOR ONLINE COURSES:**

Online courses require a clear pattern of participation for all students. The attendance standard for IWCC is that each student logs in and participates in meaningful ways, i.e. assignment completion, forum discussion, quiz completion, etc., within the course outline a minimum of one time each week. A week is measured from Monday through Sunday. If this standard is not met for any week within the course term, the student will be counted absent and earn no credit. Check the course each day to be aware of any new information. You are responsible for the due dates for quizzes and tests. You will be required to submit an assignment AND discussion posts each week. Logging in and submitting the assignment and completing the discussion posts will be documented as attendance.

**COMMUNICATION WITH INSTRUCTOR:**

Email is my preferred method of communication. Students must use their IWCC email when contacting me about matters related to the course. Emails to me should include a subject in the subject line, your name, and your course and section number. If you contact me during the school week (Monday through Friday) I will respond within 48 hours. Messages and emails received after 2:30 pm on Friday will likely be addressed on the following Monday after 8:00 am. Please use proper grammar and punctuation when communicating via email; “texting” format is not acceptable.

**GRADING:**

Your grade will be made up of four main components: exams, discussions, lab activities, and assignments. It is important for you to take active steps throughout the semester to monitor your progress and grades. If you feel that my assessment of your work is in error, it is your responsibility to speak with me within one week of your receipt of the assessment score/feedback. Under no circumstance will I consider arguments after this point. This includes the last week of the course or asking if your 89.4% can be ‘bumped to a 90%. I will not do this, nor will I have that conversation.

**VIEWING FINAL GRADES**

Total points in course: 875

- 4 Exams at 100 points each
- 15 Labs at 15 points each
- 15 discussions at 10 points each
- MindTap assignments at 100 points total

**FINAL GRADE SCALE:** 100-90: A / 89-80: B / 79-70: C / 69-60: D / 59—  
Below: F)

**FINAL GRADES:**

Final grades are viewable on ROC the Tuesday after the end of the semester: Self-Services Menu, Students, and Academic Profile.

**IMPORTANT DATES:**

Important dates will be listed on the “Academic Calendar” in ROC. Specific dates are noted in the College Academic Calendar for the last day to withdraw from the course, holidays, in-service days, student development hours, last day to apply for graduation, etc.

**PROBLEM RESOLUTION:**

Students with concerns about the course or the instruction are advised to discuss those concerns with the instructor. If this does not resolve the issue, contact Barb Godden, Dean of Health & STEM, 712-325-3320, [bgodden@iwcc.edu](mailto:bgodden@iwcc.edu).

**NOTICE OF CLASS CANCELLATION:**

Emergency closing of entire campus such as for weather – Students will be notified through the Reiver Alert system. Students must register for this service; find Reiver Alert on your ROC homepage under College Services.

Emergency cancellation of a class session such as for faculty illness – Students will be notified through an announcement to [iwcc.edu](mailto:iwcc.edu) email address, on the ROC course page and/or a posted note on the classroom door.

**COURSE TOPICAL OUTLINE AND SCHEDULE:**

Students should refer to the full course topical outline and schedule which concludes this document.

### III. INFORMATION/COLLEGE POLICY

**RESET PASSWORD:**

Students can reset passwords by accessing the password central page through ROC. The password central page can be found by clicking the menu tab in the upper left hand corner and opening the technology tab, then clicking on password central.

**CYBER-LIBRARY:**

Students can access books, magazines, journals, newspapers, films and audio books 24/7 through the Cyber-Library by clicking on the Cyber Library under Academics in ROC. Students may contact the library for assistance with research and citations. Check out the help features on the Cyber Library page in ROC. For questions about finding information at your campus or center, email [cyberlibrary@iwcc.edu](mailto:cyberlibrary@iwcc.edu) (click on link) or call 712-325-3247 for the Council Bluffs Campus or 712-542-5117 for the Clarinda Campus. The library hours are posted on ROC.

**ACADEMIC SUPPORT:**

FREE tutoring and academic assistance for a variety of core, general requirement classes are available through the Tutoring Center, located on the second floor of the Student Center on the Council Bluffs campus. One-on-one assistance is available on a drop-in basis. FREE online tutoring is available through Brainfuse on ROC. To access Brainfuse, locate Online Tutoring next to My ROC Classes. For more information about tutoring services or help in your classes, email [tutoring@iwcc.edu](mailto:tutoring@iwcc.edu) or call 712-388-6841. A full tutoring schedule by subject area is posted on ROC.

**DROPPING CLASSES:**

While we encourage you to do everything you can to complete your classes, it is always better to drop a class than to fail it. If it becomes necessary for you to drop a class you can drop a class online through ROC up to the last day to drop. We recommend that you always talk to your advisor and a financial aid department representative before you drop a class. For more information on dropping classes see the Advising Information Site in ROC under the Academics tab.

**PERSONAL ELECTRONIC DEVICES:**

To provide an environment conducive to learning, Iowa Western Community College requires that cellular phones, pagers, and other personal electronic devices be turned off or set to vibrate when entering classrooms, computer labs, library, offices, auditoriums, or arena areas. Cellular phones with picture taking capabilities are not allowed in bathrooms, locker rooms, or other areas where there is a reasonable expectation of privacy. Faculty members do have the right to prohibit the use of any electronic device in their classroom.

**HONOR CODE – ACADEMIC HONESTY:**

Upon enrolling at Iowa Western Community College, each student assumes an obligation to conduct her/his academic affairs in a manner compatible with the standards of academic honesty established by the College and its faculty. If this obligation is neglected or ignored by the student, disciplinary action will be taken. Please refer to the Student Code of Conduct for the Academic Dishonesty Policy.

**FERPA:**

Student rights concerning access to education records are spelled out in Federal Public Law 98-380 as amended by Public Law 93-568 and in regulations published by the Department of Education. The law and regulations require educational institutions to limit the disclosure of information from the student's record to those who have the student's written consent or to officials specifically permitted within the law. Students who wish to grant access to their education (class schedule, transcript of final grades, and progress reports) or financial records (grants, loans, financial aid documents, statements and billing) may do so by submitting an Access to Student Information Consent Form to the Records and Registration Office. Access to information is only given at the Records and Registration Office or Financial Aid and Cashier Offices. For more information, including the full Access to Student Information policy, refer to the Iowa Western Community College General Catalog or contact the Records and Registration Office.

**DIVERSITY STATEMENT:**

Iowa Western Community College values diversity and supports learning experiences that promote intellectual growth and human enrichment.

**AMERICAN WITH DISABILITIES ACT STATEMENT:**

If you are an individual with a disability who requires an accommodation to fully participate in academic programs or campus activities, please email [disabilityservices@iwcc.edu](mailto:disabilityservices@iwcc.edu) or call 712-325-3299. Accommodations are arranged through the Disability Services Office, on the second floor of the Student Center on the Council Bluffs campus. Please allow adequate time to implement your accommodations. Any student with mobility impairments should prepare for an emergency ahead of time by instructing faculty and/or classmates on how to assist in case of an evacuation.

**PREGNANT AND PARENTING STUDENTS:**

Iowa Western does not discriminate against any student on the basis of pregnancy or related conditions. Absences due to medical conditions relating to pregnancy will be excused for as long as deemed medically necessary by a student's doctor, and students will be given the opportunity to make up missed work. Students needing accommodations can seek assistance with accommodations from the Coordinator of Disability Services.

**EQUAL OPPORTUNITY AND NON-DISCRIMINATION:**

It is the policy of Iowa Western Community College to provide equal educational opportunities and not to discriminate on the basis of race, color, creed, religion, national or ethnic origin, ancestry, genetic information, physical or mental disability, age, sex, sexual orientation, gender identity or expression, pregnancy, marital status, veteran status, AIDS/HIV status, citizenship, or medical condition, as those terms are defined under applicable laws, in its educational programs, activities, or employment practices.

Questions or complaints? Contact Title IX and Equity Coordinator, Kim Henry, or ADA Coordinator, Samantha Larson, [equity@iwcc.edu](mailto:equity@iwcc.edu), 712-325-3200, or the Director of the Office for Civil Rights, U.S. Department of Education, Citigroup Center, 500 W. Madison, Suite 1475, Chicago, IL 60661, (312)-730-1560, [OCR.Chicago@ed.gov](mailto:OCR.Chicago@ed.gov). More information at <https://www.iwcc.edu/about/statement.asp>.

#### IV. COURSE TOPICAL OUTLINE AND SCHEDULE

Date	Topic	Readings
12/18	The Environment and Sustainability	Ch. 1
12/19	Ecosystems: What are They and How Do they Work?	Ch. 3
12/20	Species Interactions and Ecological Succession <b>Exam 1</b>	Ch. 5.1 & 5.2
12/21	Biodiversity and Evolution	4
12/22	Climate and Biodiversity	7
12/23	Sustaining Biodiversity: Saving Species	8
12/24	Sustaining Biodiversity: Saving Ecosystems	9
12/25	Buffer Day	
12/26	<b>Exam 2</b>	
12/27	What limits Population Growth	5.3
12/28	The Human Population and Urbanization	6
12/29	<b>Exam 3</b>	
12/30	Food Production and the Environment	10
12/31	Water Resources and Water Pollution	11
1/1	Buffer Day	
1/2	Geology and Nonrenewable Mineral Resources	12
1/3	Energy Resources	13
1/4	Environmental Hazards and Human Health	14
1/5	Air Pollution, Climate Change, and Ozone Depletion	15
1/6	Solid and Hazardous Waste	16
1/7	<b>Exam 4 Part 1 and Part 2</b>	

Items in this syllabus are subject to change at the instructor's discretion.