



NORTHWEST FLORIDA STATE COLLEGE

100 College Boulevard, E. • Niceville, FL 32578-1347 • (850) 678-5111 • www.nwfsc.edu

INSTRUCTOR INFORMATION

- Professor: Mr. Charles Trotman
- Email: trotmanc@nwfsc.edu
- Phone: (850) 729-5280
- Office Hours:
- Office Location: South Walton Center, Building 40, Room 312

INSTRUCTOR COMMUNICATION

Your NWFSC email is the **official communication** medium of the College. Please check your College email regularly for any class and College notifications. Emails will be answered within 48 business hours Monday – Thursday (NWFSC is closed on Fridays).

COURSE INFORMATION

- Course Name and Number: General Biology – EVR 1001C – CRN 20870
- Class Location: South Walton Center – Building 40 – Room 312
- Class Modality: Traditional
- Class Days: Mondays and Wednesdays
- Class Times: 11:30 a.m. – 1:40 p.m.
- Online Classroom with Gradebook: [Canvas class shell](#)
- Final Exam: TBA

COURSE DESCRIPTION

This course is a survey of basic chemical, biological, and physical principles of environmental science and their applications to environmental issues. This course is appropriate for students in a wide range of disciplines or programs.

COURSE-LEVEL STUDENT LEARNING OUTCOMES

- Students will apply critical thinking to analysis and interpretation of environmental information and model output.
- Students will apply the scientific method to explain natural experiences and phenomena.
- Students will explain the basic chemical, biological, and physical principles of environmental science.
- Students will use empirical evidence to describe the historical and modern context of environmental problems and their solutions.

COURSE PREREQUISITES

None

COURSE MATERIALS

Text: Environmental Science, A Global Concern. 15th ed. Cunningham & Cunningham

- lab notebook
- a loose-leaf, 3-ring binder
- a pencil and a pen (black or blue ink)
- a scientific calculator (you may use your phone as a calculator)
- Safety goggles and lab coat or apron

COURSE POLICIES

CLASS ATTENDANCE

Students are expected to attend class regularly, as well as to arrive and depart on time.

Students who stop attending class, or are not able to pass the course due to attendance expectations stated in the syllabus, may receive a failing grade which may impact the receipt of federal aid in subsequent courses. Students traveling for college approved activities will not be penalized academically but will be responsible for missed work.

This class involves frequent class discussions/lab work/group work; students will neither benefit from these activities nor contribute to the class as a whole if students are frequently absent.

Attendance will count as 5% of the final grade. Students will not be penalized for absences due to work obligations, school-sponsored functions, illness, or family emergencies.

ATTENDANCE CONFIRMATION

Active participation and academic engagement are expectations of enrollment in this course. Faculty confirm each student's attendance in class after the drop-add period ends. Students who have not attended class or otherwise engaged academically in the course through the submission of an academic assignment or through participation in a curricular activity will be withdrawn from the course for nonattendance.

Students who are withdrawn for nonattendance or nonparticipation early in the course may request to be reinstated in the course by contacting their instructor by email. Reinstatement in the course is at the instructor's discretion during the first three weeks of class and is not guaranteed. Reinstatement requests occurring after this three-week period may be submitted to the instructor for consideration; however, additional administrative approval will be required to grant the reinstatement. If you are withdrawn from a course due to nonattendance and are not granted reinstatement in the course, please contact a Student Advisor for assistance.

ASSIGNMENTS, GRADING SCHEME AND PROCEDURES

Assignments

Assignment Category	Percentage of Grade	Due Date
Tests	40%	WITH THE EXCEPTION OF THE FINAL EXAM, ALL TESTS IN EVR1001C ARE OPEN NOTES.
Attendance	5%	
Labs	25%	
Quizzes	10%	
Final	20%	
Total	100%	

Grading Scheme

Grade	Range
A	90 – 100 %
B	80 – 89 %
C	70 – 79 %
D	60 – 69 %
F	59 and less %

MAKE-UP WORK

If a student is unable to complete an assignment due to a legitimate reason, that assignment may be made up.

- **Schedule (tentative); Some chapters may appear in more than one unit.**

UNIT	MAJOR TOPIC(S)	TEXT CHAPTER(S)	SUPPLEMENTARY MATERIAL	LAB*
1. Introduction/ Scientific Foundations	1. Understanding Our Environment 2. Principles of Science and Systems 3. Matter, Energy, and Life <i>Everglades Test</i> <i>Unit 1 Test</i>	1, 2, 3	“The Tragedy of the Commons” by Garrett Hardin Everglades	Calculating Ecological Footprint
2. Evolution, Communities, Ecosystems	1. Evolution, Biological Communities, and Species Interaction 2. Biomes: Global Patterns of Life 3. Population Biology <i>Unit 2 Test</i>	4, 5, 6	Case Study: Darwin’s Finches Case Study: Zombie Attack	Carbon Cycle
3. Population Ecology	1. Human Populations 2. Environmental Health and Toxicology 3. Food and Hunger 4. Farming: Conventional and Sustainable Practices <i>Unit 3 Test</i>	7, 8, 9, 10	Population Pyramids Biomes Videos and Quizzes	Population Pyramids
4. Preserving Biodiversity	1. Preserving Species 2. Preserving Landscapes 3. Restoration Ecology	11, 12, 13		Soil Lab
5. Water	1. Water Use and Management	17	Hidden Rivers of Florida The River Returns Case Study: Mono Lake Case Study: Lake Nyos	Analysis of Freshwater Samples
6. Energy	1. Nonrenewable Energy 2. Renewable Energy 3. Climate Change <i>Unit 4 Test</i>	15, 19, 20		
7. Pollution	1. Environmental Health and Toxicology 2. Air Pollution 3. Water Pollution 4. Solid, Toxic, and Hazardous Waste	8, 16, 18, 21		Air Pollution Lab
8. Sustainability	1. Urbanization and Sustainable Cities 2. Ecological Economics 3. Environmental Policy, Law, and Planning	22, 23, 24		

* Additional Labs may be added during the semester.

Student Expectations and Resources

NWFSC aims for excellence in education and scholarly pursuits. Campus policies and procedures support this goal by protecting the health, safety, welfare, and property of the College and its students. To view all campus policies, please see the [college catalog](#). Several essential policies are provided below.

NWFSC POLICY	DESCRIPTION
<u>Academic Integrity</u>	Students are expected to behave responsibly as members of the College community and be honest and forthright in their academic endeavors. They are also expected to behave professionally and refrain from disrupting other students' learning environments.
<u>Accommodations</u>	The Accommodation Resource Center at Northwest Florida State College is committed to providing equal access and opportunities for educational success to all students with disabilities as guided by the American Disabilities Act and other disability-related laws.
<u>Attendance</u>	Regular attendance and participation in the course is expected.
<u>Tutoring Services</u>	Tutoring services are available in person and online.
<u>Counseling Services</u>	All actively enrolled students can receive an initial assessment and up to five therapeutic sessions with a Behavioral Health provider at no cost to the student.
<u>Student Code of Conduct</u>	Students are expected to adhere to the rules, regulations, and policies outlined in the Student Code of Conduct.
<u>Student Complaints</u>	NWFSC desires to resolve student grievances, complaints, and concerns expeditiously, fairly, and in an amicable manner. A student who desires to resolve a grievance may initiate the resolution process using the information in the link provided to the left.
<u>Student Rights and Responsibilities</u>	Understanding your role as a student.

OTHER IMPORTANT INFORMATION



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EMERGENCY COLLEGE CLOSURE

This course's schedule, requirements, and procedures are subject to change in the event of unusual or extraordinary circumstances. If the College closes for inclement weather or another emergency, any exams, presentations, or assignments previously scheduled during the closure period will automatically be rescheduled for the first regular class meeting held once the college reopens. If changes to graded activities are required, students will not be penalized due to the adjustments but will be responsible for meeting revised deadlines and course requirements.

ACADEMIC CONTINUITY PLAN

NWFSC is dedicated to protecting the health and well-being of its students, staff, and faculty. The College is dedicated to working with faculty and students to ensure timely course and program completion during emergencies. In the event of a College closure, the format of this course may be modified to enable completion of the course through other means, including but not limited to online course delivery through online classrooms. Check your RaiderNet College email and LMS classroom online for any updates.

TECHNICAL SKILLS AND SPECIALIZED TECHNOLOGY

Students must provide their device(s) to access and complete this class's online material. In addition to baseline word processing skills and sending/receiving emails with attachments, students may be expected to search the Internet and upload/download files. If you encounter technology challenges using course resources in the Learning Management System, email the Center for Innovative Teaching and Learning at online@nwfsc.edu or call 850-729-6464.

WELCOME TO CLASS

Thank you for choosing NWFSC for your education—and welcome to class!