

Board, DB, is (considered) class time in Blended Classes. Absences due to work (civilian) or military obligations MUST be documented by your C.O./Supervisor in charge; makeup work must be scheduled. All assignments have deadlines.

BOTH the Mid-Term Exam and Final Exam must be completed to pass this course.

Final class grade will include: 2 class exams, a special research project to be assigned, and written reports on the data/observations collected during various lab exercises/trips and the Discussion board. Students are responsible for all text book assignments. Details of methods to be used in writing special projects and field reports will be discussed in class and posted on Blackboard. Special Research Projects will be approved individually for each student. All reports and projects will be typed using Microsoft Word or rich text format (.rtf) or text file format (.txt) only to avoid computer program compatibility issues. The Research Projects will also be submitted to “Turnitin.com” (TIN) for screening.

ALL late reports will be subjected to a five percent (5%) per day penalty. Any assignment or exam not turned in by the last day of class will not be accepted and a grade of ZERO will be given for that work. All students are expected to do their own work and document it properly using the procedures and guidelines provided. Any student found cheating on an exam or engaging in plagiarism or other form of cheating will be severely disciplined, and may be subject to dismissal per the University policy.

Learning Outcomes: This Science (Field) Lab course is intended to meet the needs and interests of both science and non-science majors. “Live and Virtual Field Trips” enable students to observe and evaluate both local and global issues. The students should be able to demonstrate proficiency through objective and subjective testing as well written and spoken presentations:

- ❖ Students will understand the basic principles in the use of the scientific method;
- ❖ Students will understand the differences between “sound science” and “junk science”;
- ❖ Students will understand the concept of “sustainability”;
- ❖ Students will identify the major ecosystems and factors which limit their sustainability;
- ❖ Students will use and evaluate Internet resources to identify and evaluate problems which occur in the major ecosystems of the world;
- ❖ Students will improve their critical thinking and writing skills, through use of Internet and “Turnitin.com” and written reports by evaluating data collected;
- ❖ Students will be able to explain man’s role in the hydrologic cycle and the importance in preserving our water resources and other natural resources;
- ❖ Students will be able to trace the relationship of environmental problems due to the increased use of non-renewable natural resources such as oil and the overuse/misuse of others, such as water, and other issues involving environmental pollution or degradation.

Mission Statement:

The mission of Campbell University is to graduate students with exemplary academic and professional skills who are prepared for purposeful lives and meaningful service. The University is informed and inspired by its Baptist heritage and three basic theological and biblical presuppositions: learning is appointed and conserved by God as essential to the fulfillment of human destiny; in Christ all things consist and find ultimate unity; and the

Kingdom of God in this world is rooted and grounded in Christian community. The University embraces the conviction that there is no conflict between the life of faith and the life of inquiry.

To fulfill its mission, the University:

- I. presents a worldview informed by Christian principles and perspectives;**
- II. affirms that truth is revelatory and transcendent as well as empirical and rational, and that all truth finds its unity in Jesus Christ;**
- III. influences development of moral courage, social sensitivity, and ethical responsibility;**
- IV. gathers a diverse community of learners;**
- V. delivers academic instruction in the liberal arts and sciences and professional preparation at both undergraduate and graduate levels;**
- VI. transfers to students the vast body of knowledge and values accumulated over the ages;**
- VII. encourages students to think critically and creatively;**
- VIII. fosters the development of intellectual vitality, physical wellness, and aesthetic sensibility;**
- IX. forges a community of learning that is committed to the pursuit, discovery, and dissemination of knowledge;**
- X. provides students with servant leadership opportunities;**
- XI. cooperates with other educational institutions to expand learning opportunities for students; offers service and other opportunities to the greater community through athletics, continuing education, cultural enrichment programming, and extended-campus education.**

Expectations of Students:

Any student who is absent from a live class, without prior notification, to the Instructor, will receive a “ZERO” for that day’s work. Missed exams can be made up only with documentation of obligations from C.O. or supervisor or proof of medical absences or other emergencies. Attendance is required at the live field trips, which are a major part of the lab in this laboratory science course. Students will complete research projects in this class. Students are required to have a computer and Internet access and have basic computer skills.

Absences due to mandatory work or Military obligations MUST be documented by your C.O. or supervisor in charge, to make up any missed work. The student must notify the Instructor in advance of these absences as they are scheduled work orders. If a personal emergency occurs, such as hospitalization or death in family, students are expected to notify the Instructor as soon as possible. Family vacations or leave are not personal emergencies.

Students are expected to participate in all phases of the class, including the Discussion Board and live field trips. Required readings must be completed before class. Assignments are listed in the syllabus. Assignments are posted in advance on Blackboard with Due Dates schedule handed out in class in form of monthly calendars. DB assignments also posted there.

All students are subject to the academic integrity and behavioral expectations of the University. Refer to the University catalogue for details.

Inclement Weather: Campbell University's policy is to remain in operation during periods of inclement weather. Distance Education courses will go as scheduled. Scheduled outages in regard to the Blackboard server will be promulgated as soon as possible.

Incomplete Work: Incomplete grades will be issued only in the event that a student sustains a traumatic life event or receives documented work orders which make timely completion of this course impossible. Incomplete grades must have written justification/authorization.

Blended Courses:

“Blended learning is a combination of classroom and online learning where online learning replaces some classroom instruction. Blended courses provide *some* of the conveniences of the online courses without the complete loss of face-to-face contact. The majority of instruction will take place in the classroom.” My note: the classroom includes live field trips.

Internet/E-mail Requirements on Blackboard: This distance education course is web-supported and all assignments will be posted to Campbell's course site on Blackboard (BD) Academic Suite. On rare occasion, the use of e-mail may be utilized for some assignments. **Students are required to have an email account and to regularly monitor their Campbell University email account. This will be the email by which the students will be contacted through Blackboard when necessary. Please check for class announcements/email daily.**

Missed Classes: Students who are aware that they will miss a class should inform the Instructor *before class*. Discussion Board (DB) participation is considered class participation in this Internet based class. Proof of deployment/TAD is requested to make up work. Attendance is taken Online with Discussion Board being part of class attendance.

Plagiarism:

Plagiarism is any use of another person's words or ideas without giving proper credit to the person from whom you “borrowed” the words or ideas. Plagiarism is the theft of intellectual property. Plagiarism includes the following, but is not limited to the following:

- Failing to cite properly any direct or indirect quotation(s) from professionally written materials (books, journal articles, internet references, the instructor, etc.) or student papers, projects or presentations, etc. Submitting as your own work a paper, project, or presentation that you did not compose (or write, compile, draw, photograph, etc.), including paraphrasing someone else's class work.
- Allowing another person to write your paper or develop your presentation or assignment, either for free or for payment.
- Submitting your own work to more than one course without Instructor permission.

Students must do their own work. Plagiarism is severely penalized, per the University policy, and students who plagiarize, or otherwise cheat, will be subject to failing the assignment and/or failing the course. See the Extended Campus Student Handbook for further information. Also read about plagiarism on “Turnitin.com” (TIN).

Turnitin.com:

“Turnitin.com” (TIN) is designed to help students evaluate their own work and to learn to avoid plagiarism. “Turnitin.com” (TIN) is a web-based service that provides online reviews to judge if it has been copied from another source. “Turnitin” evaluates the possibility of a student plagiarizing or cheating on written material or copying of graphs, etc. Students in this class are required to submit their Research Projects to “Turnitin.com” for evaluation. Virtual Field Trips will also be submitted for evaluation. You are permitted to revise the original version of a report. Special slots are provided on Blbd for posting assignments. Exam Essay Questions will be submitted to TIN for screening. You will not be permitted to revise essay answers if they do not pass the screening requirements listed below.

Total matching of 40% or higher will receive a failing grade. See posted guidance on how “TIN” is evaluated in a permanent “Course Information” file. Students have the option of revising the first draft of their reports only. Campbell encourages the use of “TIN”.

Computer issues:

For any computer problems, the University Help Desk is available. A Blackboard Orientation/Online Tutorial is available to learn the ins and outs of Online issues. Ideally, computer issues should be resolved at the very start of any course. Tech Support is available during regular working hours.

Grading Policy: Official grades are issued for each student at the end of each term. Points for each assignment are available in the Gradebook. Total points are listed. Students will be graded by the letter grade system shown below:

University Grading Policy:	Evaluation requirements:	
A = 90 - 100% (900 - 1000 points)	Exams, two @ 200pts	= 400 points
B = 89 - 89%	Lab Assignments	= 250 points
C = 70 - 79% (700 – 799 points)	Research Project	= 120 points
D = 60 - 69%	Research Presentation	= 50 points
F = Below 60 % (<600 points)	Discussion Board	= <u>180 points</u>
	Total	1000 points

Grading Criteria:

Submission of all graded items and exams is required to pass this course. The types of assignments, some which are unique to this laboratory science class, are listed below: A Calendar of Due Dates is posted separately in Course Information, listed with real due dates and posting dates for exams. Calendar is updated for each term, including field trips.

Make up work will be permitted only for pre-approved absences, such as absences due to valid medical reasons or when work requirements or temporary deployments make meeting posted deadlines impossible and the Instructor is notified in advance. Work submitted in other classes will not be accepted in this course. Class attendance is required: class, DB and at class field trips.

Types of Assignments: Written reports: Field Trip Reports and the Research Project – hard copies due in class. Longest assignments listed first.

- **Research Project - Endangered Species/ Exotic Species or Natural Disasters (RP) - In-class** Three types of subjects available; topic must be pre-approved by instructor. Complete information on writing reports, and research topics, documenting quotes, correct references and use of “Turnitin.com” is explained in Course Information and discussed in class. It is due at end of the 7th week of the course. **Minimum length is 1850 word count for Research Projects.** The posted Science Report Format and Reference Styles, as illustrated, will be used for this report. Samples showing correct use of format used for both Research Projects and Field Trip Reports will be posted for your convenience on BB.

- **“Live Field Trips” LFTs - Class lab assignments – Live field trips**

Objectives and all required tour guides or references are provided separately for the completion of these field trips. Topics: 1. Major biomes, aquatic systems and their problems; and 2. Laws and issues with processing safe municipal drinking water and bottled water. These written reports will also use the prescribed Science Report Format and posted reference styles. A sample report will be posted in BB in Course Information, illustrating the report format and format for References, as specified above. **Minimum length for Live Trip Reports or Virtual Field Trips is 1400 word count.** Live Field Trips are offered as studies of local issues which represent global environmental issues covered in the text book. Written reports will be due in class the next week after the field trip. VFT are due on the same day as the Live FT report unless other arrangement are made in advance with the Instructor.

1. Live Field Trip (or Virtual Field Trip 1): “Biomes”: A Study of the NC Estuary, the Salt Marsh and Barrier Island ecology, morphology and organisms. A live field trip to Topsail Island (barrier island) OR a trip to Bogues Banks (barrier island) to the NC Aquarium and Fort Macon will be the trips of choice as available. These trips will emphasize local ecosystem issues and NC problems. Go to Course Information for all VFTs (Online) which will be used as substitutes only if you are not able to attend the mandatory live field trips. Live field trips always are the priority.

2. Live Field Trip (or Virtual Field Trip 2) : “Processing Safe Drinking Water”: Live field trip to the Camp Lejeune’s main drinking water plant or a virtual tour of one a NC municipal drinking water plants emphasizing major regulations for Municipal Methods for Processing Safe Drinking Water. Photos of the CLNC Plant included in the virtual trip. Comparisons will be made between municipal water and commercial bottled water. The laws involved for compliance for both types and costs of each are analyzed. When possible to schedule, a live field trip to Camp Lejeune/MCAS or City of Jacksonville drinking water plant will always take priority over the virtual field trip. Environmental issues and processing of local drinking water will be studied in both types of trips.

All Labs/Live Field Trips/VFTs reports are due the following week in class.

Prefer hard copy submitted to Instructor in class, use BBd if absent.

- **Short Lab Assignments** (Short Labs 1 - 4) May complete Online
 1. Student demographics – **In-class completion** – easy student demographics
Blackboard ASSIGNMENTS BELOW – Complete Online on Blackboard

The next 3 are easy labs; with most sections as “fill in the blanks.”

2. “Eco/Your Carbon Footprint ” - Personal carbon footprint/consumption habits
3. “Water (H₂O) We Going to Do” - Personal water usage measured at home
4. “Bottled Water; Comparisons to Muni Water” - 2nd Half of Field Trip on Municipal Drinking H₂O/ report. Investigation of bottled water processing.

➤ **Discussion Board (DB) – Online - Blackboard only Assignments**

Due starting Week One and due on Fridays, as ongoing, about two chapters weekly. ONGOING and ONLINE ONLY! Directions online. Chapters as close as possible to class lecture schedule, mandatory in this blended class, replace the missing 2nd class.

- **Extra Credit:** Optional ~ Please ask about latest opportunities to earn extra credit. **Optional**, if interested, just ask your Instructor. Topics will be assigned based on availability, student interests. No curving of grades. A third live field trip may be offered as extra credit, weather permitting for those appreciating “hands on” experiences.

➤ **EXAMS ON-LINE:** Mid Term and Final Exams – Posted with **Two parts**:

Part I – Multiple Choice – posted and graded Online; computer self graded. (150 pts)

Part II - Essay Questions – Posted Online; Hard copy handed in during class (50 pts)

Mid-Term Exam (200 points) Chapters Intro, 1, 3 - 6, 11 Posted Online: Wk 5

Final Exam (200 points) Chapters 12 - 17 Posted Online: Wk 8

CAMPUS REQUIREMENTS

Campbell University’s Statement of Purpose:

Campbell University is a university of the liberal arts, sciences, and professions which is committed to helping students develop an intergrated Christian personality characterized by a wholeness that includes: a method of critical judgment; an appreciation of our intellectual, cultural, and religious heritage, and a sensitive awareness of the work and society in which they live and work with persons.

Campbell University is a Baptist university affiliated with the Baptist State Convention of North Carolina. Both in and out of the classroom, the University endeavors to present Christian principles to students and to foster their application to daily life.

This course is consistent with the aforementioned purpose and provides students a positive environment for learning.

ADA Statement: Students with documented disabilities who desire modifications or accommodations should contact the Office of Student Support Services located in the University’s Hight House. Written requests should be made to receive accomodations.

THE PROFESSOR RESERVES THE RIGHT TO CHANGE THE SYLLABUS, ASSIGNMENTS OR OTHER DUE DATES TO ACCOMMODATE FIELD TRIP SCHEDULING OR OTHER ISSUES. Class calendar will be posted after confirmation of dates for Live Field trips which constitute part of the Lab requirements for this course.

NOTE: Discussion Board (DB) due dates are posted/ongoing and due every Friday from the first week of class and there after to end of chapters of course, unless otherwise agreed upon in class). Instructor Lecture Notes, are posted online in DB and Course Documents on BB. Directions in DB.

EnvSci 111 - CLNC Blended - Blackboard 9 - Generic Lecture/Lab Schedule
Assignment dates will be adjusted for legal holidays; field trips will be confirmed after first class meeting. Field Trip dates set to accommodate the majority of the students in class.

<u>WEEK #</u>	<u>Field Trip Assignments</u> * TBA for Saturdays only * (*Live field trip dates confirmed in class*)	<u>Field Trips on Sat. Reports Due next week in class</u>
<u>WEEK #</u>	<u>DB and Class Chapter Reading Assignments</u> (DB is ONGOING:due each Friday on the DB) <u>Chapters Covered</u> – Class lectures and DB	15 points per chapter Assignments for week
WEEK 1: Jan. 10	Introduction: Learning to Learn/Lab Intro Ch. 1 Understanding our Environment Research Projects discussed/selected this week	Short Lab 1 (complete in class)
WEEK 2: Jan. 17	Ch. 3 Matter, Energy and Life Ch. 4 Evolution, Biological Communities and Species Interactions	Short Lab 2 H2O Plant *Possible Live Field Trip
WEEK 3: Jan. 24	Ch. 5 Biomes: Global Patterns of Life	Short Lab 3 *Possible Live Field Trip
WEEK 4: Jan. 31	Ch. 6 Population Biology Research Projects Ch. 11 Biodiversity	*Live Field Trip Week Barrier Island/Aquar.
WEEK 5: Feb. 7	Mid-Term Exam Week: Part I Multiple Choice (M/C self grading due Friday) Mid-Term: Part II – Short Essay (due Tuesday, hard copy in class)	
WEEK 5: Feb. 7	Ch. 12 Biodiversity: Preserving Landscapes Ch. 13 Restoration Ecology Short Lab 4 (DDB) associated with Field trip	*Live Field Trip Week Base Water Plant Tour Short Lab 4 on Btld H2O
WEEK 6: Feb. 14	Ch. 14 Geology and Earth Resources Ch. 15 Air, Weather and Climate Research Projects- Written Reports - Hard copy due in class!!!! Written report due.	DUE in Class No exceptions on due dates.
WEEK 7: Feb. 21	Ch. 16 Air Pollution/ Class Research Presentations may start Ch. 17 Water Use and Management / review for final	
WEEK 8: Feb. 28	Final Exam Posted - Late/extra credit work due Student Presentations - Class Research Projects Part II – ESSAY – Post on Blackboard Sat./due in class Part I – M/C – Posted Tues/Due Sat., NOON; ONLINE Final Exam is not cumulative! Posted On Blackboard	(Term over Mar. 3) Presentations in class Essay posted prev. Sat. (M/C self grading) (Chs. 12 - 17)

PLEASE NOTE: Students are responsible for keeping up to date with all assignments or schedule changes due to unforeseen circumstances. If planned absent from class for work related issues, please advise instructor in advance. The Chapter assignments are alligned as closely as possible to the week schedule above. A monthly calendar will be posted. Any major changes will also be posted on Blackboard or notice sent by email from Blackboard.

No assignments due on legal holidays! Field trips on Sats. only. No work from first half of the class accepted after the Mid-Term Exam with out very good reason. Final Exam covers last half of course only. Nothing accepted after the class ends. No time left to grade!!!!

Any problems: Contact Instructor by email or phone with problems or computer issues (usually best to contact Help desk for computer).

If you are military and are being sent TAD, Documentation of military orders is required to rearrange assignment dates. Also, if you do not get an email response within 24 hours, please assume that I did not see your message and resend it or call me. Enjoy the course.

IMPORTANT NOTICE: Blackboard. If you have any questions about BB, please see me in class, as I usually bring my laptop to help students new to the Blended class format. But it is important to check out the Course Tutorial first to learn about Blackboard., it is posted as a button on left side in the course. **There is a quiz posted, completion of it will give 5 bonus points.**

For most technical problems, the Help Desk is available and very good.

Official full monthly calendar will be published and handed out in class, after field trip dates are discussed in class and locations/dates are confirmed. We attempt to schedule trip times and dates to accommodate all class members if at all possible.

Thanks again, Carol Shores, Instructor