ANTH 4490
Environmental Anthropology:
Issues, Methods and Fieldwork

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Required Books
Wildflowers of Tennessee, Horn, Cathcart, Hemmerly, Duhl.
Forest Plants of the Southeast, Miller & Miller.
Native Trees of the Southeast, Kirkman, Brown, Leopold.

Course Description
This is an intensive two week course in ecological and environmental anthropology issues, methods and fieldwork. Classes will meet in classroom, lab and field for 5 hours per day for four days per week for two weeks. Students will be responsible for lectures, readings, fieldwork and independent research in order to successfully complete the course. This will entail daily homework including reading and research during the two week period of the course. Students will also be expected to follow all rules for the course on campus and in the field and to interact in a responsible, professional and safe manner. Students who successfully complete this course and earn a passing grade must be highly motivated, have excellent attendance and successfully complete all requirements. This course is intended to provide both academic training and experience working in a professional team fieldwork/research environment. Extra credit is not offered as part of this course. A grade of incomplete (I) will NOT be given for this course. This course is only offered once per year.

Grades
Students earn points toward their final grade for the course as outlined in the following sections. The final grade for the course will be assessed on a 100 point scale. Final grades will be calculated as follows: 90-100 = A, 80-89 = B, 70-79 = C, 60-69 = D, 59 and below = F. Students will earn points toward their final grade in the following manner:

Points
25 Attendance, participation, and professionalism
25 Presentation
25 Written report
25 Test based on lectures and readings
100 Total points for course

Attendance, participation, and professionalism
Students earn points toward their final grade by attendance. Attendance is required and will be taken daily and For each hour of class a student is absent 5 points will be
deducted from their attendance score. If a student is absent more than 5 hours they will receive an “F” for their final grade in this course.

Participation and professional attitude will also be assessed. Students earn points toward their final grade by full participation in group field and lab work, by professional attitude and interaction towards each other and the professor during the course, and by following rules for field and lab work.

**Presentation**
Each member of each research team will present their research data and conclusions with a powerpoint presentation. Each student will earn a presentation grade based on their own research presentation.

**Report**
Each student will earn a grade on their written report, 3-5 pages double-spaced. They will be graded on content and correct (AAA) format.

**Test**
Students will earn points on a final test to assess knowledge of lectures and readings. A makeup test is not offered if the test is missed.

**Classroom Responsibilities**
- Beepers and cell phones must be muted during class!
- Attendance is mandatory.
- If you come to class late, please enter the room quietly.
- Do not carry on conversations during class. Every KSU student is responsible for upholding the provisions of the Student Code of Conduct as published in the Undergraduate Catalog. Anyone caught violating the Code will be prosecuted.

**Electronic Devices Classrooms**
- Phones must be muted during classes and tests. Students are not allowed to answer or look at phones or other electronic devices during a test.
- Electronic translation dictionaries are not allowed during tests.

**Agenda (tentative subject to weather and other considerations)**

**Week 1**
2 Classroom: Ecol. Concepts, GA Geology, Rock Lab, Ethnohistory
3 Field Trip: Meet at Pine Mountain Trail
4 Fieldwork: Meet at Allatoona Dam  *All readings must be finished by the start of Wk 2.*

**Week 2**
1 Fieldwork: Meet at Allatoona Dam
2 Lab: Preliminary team presentations, data analysis, research, assemble presentation and report
3 Classroom: Team presentations, follow up
4 Classroom: Test, Reports due, Global Env Issues, Env. Anth.
Required Reading Assignments:

**Jstor**
“The New Ecological Anthropology” by Conrad P. Kottak.
1. To access Jstor go to [www.kennesaw.edu](http://www.kennesaw.edu).
2. On the right side of the page click on the “Library” image.
3. Under “Online Resources” click on “GALILEO Databases”.
4. Enter your id and password at the prompt.
5. In the yellow area click on “Databases A-Z”.
6. Click on the letter “J”.
7. Click on “JSTOR”.
8. In the “Search the Collections” box enter “New Ecology and the Social Sciences”.
9. Click on the link to the article “New Ecology and the Social Sciences” by I. Scoones.
10. Repeat the search to obtain “The New Ecological Anthropology” by Conrad P. Kottak.
The articles can be read online or downloaded as a pdf (click the link on the page).

**The New Georgia Encyclopedia:**
All of the following required readings are found at the New Georgia Encyclopedia website. To access the readings follow the menu directions below. The main menu is on the left hand side of the NGE website home page at [www.georgiaencyclopedia.org](http://www.georgiaencyclopedia.org)

**Environments:**
- Science and Medicine >> Earth Sciences >> Geology >> Geologic Regions of Georgia: Overview
- Land and Resources >> Environment >> Ecology >> Communities and Systems >> Caves
- Land and Resources >> Environment >> Ecology >> Communities and Systems >> Longleaf Pine Ecosystem

**Botany and Zoology:**
- Land and Resources >> Environment >> Conservation and Management >> Issues and Problems >> Species Extinction and Endangered Species
- Land and Resources >> Environment >> Ecology >> Plants and Animals >> American Chestnut
- Land and Resources >> Environment >> Ecology >> Plants and Animals >> Birds

**Geology:**
- Science and Medicine >> Earth Sciences >> Geology >> Geologic History of Georgia: Overview

**Ethnohistory and Landscape:**
- Land and Resources >> Environment >> Conservation and Management >> Environmental History >> Environmental History of Georgia: Overview
- Land and Resources >> Environment >> Conservation and Management >> Environmental History >> Environmental History of Georgia Mountains
- History and Archaeology >> Archaeology and Early History >> Archaeological Periods in Georgia >> Mississippian Period >> Mississippian Period: Overview
- Folklife >> General Topics >> Folklife: Overview
- Cities and Counties >> Counties >> Bartow County

**Ecological Issues:**
- Land and Resources >> Environment >> Conservation and Management >> Issues and Problems >> Urban Sprawl
- Land and Resources >> Environment >> Conservation and Management >> Issues and Problems >> Soil Erosion
- Land and Resources >> Environment >> People >> Eugene Odum (1913-2002)
Field Equipment List

Required:

- **Backpack** or something suitable to carry water, food, notebook, books, etc.  (Keep it light.)
- **Comfortable, safe footwear** (broken in).  No sandals, open-toed shoes, or bare feet!
- **Comfortable clothing.** Long pants work best, they’re safest in case of bees, branches, poison ivy, falls, etc.
- **Water !**
- **Food** (non-perishable, lunch and snacks)
- **Field notebook** (composition book recommended, heavy or spiral notebooks don't work well).
- **Pen or pencil**
- **DO NOT** wear shiny jewelry, bright patterned clothing, or strong perfumes or scents. These attract unwanted things!

Optional:

- **Camera** (recommended if you have one)
- **Hat**
- **Sunscreen**
- **Bug repellent** (don’t spray near others).
- **Hiking stick**
- **Antihistamine** (recommended if you have pollen allergies)
- **Necessary medication**- if you are allergic to bee stings, are diabetic, etc.

The fieldwork involves strenuous exercise. Let the professor know if you have any special medical concerns or other issues that may affect your ability to participate.
ANTH 4490 Field Trip Rules

The undersigned agrees to the following rules:

*I will:*

1. Act professionally and civilly with others. This includes no complaining.
2. Stay on marked trails and not trample plants or other living things.
3. Stay in the study area and avoid trampling plants and other living things if I am off trail for assigned fieldwork purposes.
4. Not collect samples or remove anything from the field without permission or damage anything in the study area. This includes *everything*.
5. Pack it in, pack it out. No littering.
6. Follow all university policies pertaining to student codes of conduct, illegal substances, firearms, etc.
7. Not engage in any illegal behavior.
8. Not engage in any unsafe behavior that affects myself or other persons.
9. Stay with the class or my team at all times. Inform the professor if I find it necessary to leave the class or my team for any reason.
10. Not to use cell phones for non-class purposes including social calling, texting and web browsing.
11. Arrive at the field sites prior to the meeting time. I understand that the class will not wait for tardy arrivals.

The professor reserves the right to expel any student from the field trip, field site, or course if they break any of these rules.
Failure to sign and turn in this form on the first day of class will result in a grade of F for the course unless the student withdraws from the course.

The undersigned has read and understands the field trip rules and furthermore agrees to abide by them and the consequences of infringing upon any rules.

Sign ___________________________________________ Date ____________________