COURSE: REC 532  ENVIRONMENTAL EDUCATION RESOURCES

INSTRUCTOR: Steve Spencer, Ed. D.  2023 DA  745-6073
E mail: steve.spencer @ wku.edu

COURSE INFO: 3 hrs. Meets: (TBA)  Rm. DA 2036 and assorted field locations

CATALOGUE DESCRIPTION: Experiential learning with environmental education resources. Emphasis is placed on Kentucky based interpretation of the natural environment. Field experiences required and students are required to provide their own means of transporting to field sites.

COURSE PURPOSE: This course provides an opportunity for graduate students interested in a multi-disciplinary background in environmental education and stream settings.

COURSE OBJECTIVES:
At the termination of this course, students will:

a. Be able to identify the terminology, philosophy and theories associated with environmental/outdoor education.

b. Have completed the internationally known curriculum: Project Wet.

c. Have demonstrated proficiency in utilization of segments of internationally known curricula: Project Wild Aquatic and Project Wet through experiential learning presentations.

d. Be able to utilize various resources for interpretation and use in river settings, flora, and fauna.

e. Have completed the American Canoe Association’s Essentials of River Canoeing Class.

NATIONAL ENVIRONMENTAL EDUCATION STANDARDS MET THROUGH THIS CLASS:

3.2 Emphasis on education, not advocacy
   Students will be exposed to and learn about various delivery methods of Environmental Education resources.

4. Planning and Implementing Environmental Education
   Involves teaching and planning for best-learning scenarios

4.2 Knowledge of instructional methodologies
Students will be exposed to and employ a variety of instructional methods and strategies for effective learning.

4.3 Planning for instruction
Designs for providing effective instruction with outdoor resources will be provided, focusing primarily on experiential learning.

4.4 Knowledge of environmental education materials and resources
Students will work with nationally recognized curricular materials suitable for outdoor use and experiential learning. Students will demonstrate proficiency with these materials and resources through class activities.

4.5 Technologies that assist learning
Skills that provide students ways to reach learners in outdoor laboratories are essential. Through improved understanding of canoe skills and opportunities, students will develop a “vehicle” to travel our aquatic world. Through application of various chemical tests, measurements and observation techniques, students will develop ways to incorporate these technologies into experiential learning opportunities.

4.6 Settings for instruction
Students will learn how to deliver safe and effective instruction in non-traditional (outdoor) settings.

SPECIAL REQUIREMENTS: Students are responsible for transportation to site of field trips. We will be meeting off campus a number of times (see schedule).

COURSE PREREQUISITES: None

REQUIRED TEXTS:


*Aquatic Project Wild: Aquatic Education Activity Guide.* (2000). Project WILD, Bethesda, Maryland. (Provided by WKU & KDFWR at Workshop)

Leopold, A. 1949. *A Sand County Almanac with Essays on Conservation from Round River*. Ballentine Books, NY. (This book may be purchased through the Aldo Leopold Foundation LEP.org for $3. This is a great deal!!!!!!!)

*Basic Canoeing* by Wayne Dickert
Optional Text/activities:

Angling Education Materials (provided by KDFWR at Workshop)

GRADING: This course focuses on exposing the student to environmental/outdoor learning opportunities. Therefore, the student can expect to spend much active time in experiential learning, primarily in outdoor settings. Student learning and evaluation will be determined through active class participation (curricular workshops and presentations) and written exams at the end of the week.

1. Exam 100 points.
A summary exam relating to Outdoor Philosophy and Aldo Leopold's *Sand County Almanac*, will be completed following the class. This exam must be turned in electronically within two weeks following completion of the class.

2. Workshop 100 pts.
Project Wet workshop will be completed as part of the course.

3. ACA Canoe Class 100 pts.
Students will be evaluated on skill improvement and complete a written exam.

4. Class Participation/Presentations 100 pts.
Because this class involves active class participation, students must be actively involved in all parts of class. Attendance is mandatory at all class sessions during the week. Teaching and presentations will be required in related topics.

Approximate point value for all evaluated material:

<table>
<thead>
<tr>
<th>Category</th>
<th>Points</th>
<th>Score</th>
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</thead>
<tbody>
<tr>
<td>Outdoor Philosophy &amp; Leopold</td>
<td>100</td>
<td>_____</td>
</tr>
<tr>
<td>Project Wet Workshop</td>
<td>100</td>
<td>_____</td>
</tr>
<tr>
<td>ACA Canoe Course</td>
<td>100</td>
<td>_____</td>
</tr>
<tr>
<td>Presentation/Participation</td>
<td>100</td>
<td>_____</td>
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<tr>
<td>Total: 400</td>
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<td>Total Points ______________</td>
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</table>

Grading Scale:

A = 90%
B = 80%
C = 70%
D = 60%
F = 59% or less
Student Disability Services

In compliance with university policy, students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services in DUC A-200 of the Student Success Center in Downing University Center. The phone number is 745 5004.

Please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.