

ISCI

SCI 3103 Course Design: Guidelines for Content & Evaluation

Enduring Understanding:

Essential Questions:

Basic Knowledge & Skills Students Will Acquire:

ISCI - Tentative Course Schedule and Plan for Instruction

Dates & Topics

Assignments

The Natural World

1. The Natural World

2. Life & the Living World

3. Scientific Processes & Reasoning

4. The Nature of Science

8- Nature of Science Unit Test
Biodiversity Assignment

Portfolio Due for Initial Assessment

The Revelations of Ecology

5. Global & Local Patterns

6. Biogeochemical Cycling & Energy Flow

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7. Population Dynamics

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Biodiversity Assignment Due

Sapelo Island Trip (Friday, Oct 2- 8:30am Sunday, Oct 4 8:00pm)

Cost \$110: \$25 deposit due Sept 22

8. Interdependence

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Oct 8th = Midterm

9. The Revelations of Ecology

15 Ecology Unit Test

Portfolios Due for Formative Assessment

The Theory of Evolution

(Tentative Plan)

10. The Evolution Creationism Controversy

11. Evidence for Evolution

ISCI 3103- Evidence of Achievement = Course Portfolio

(Do Not Put Anything in This Document that Is not Your Own Coursework)
(No Syllabus, No Blank Paper, No Xeroxes other than Handouts with work on them)

Inquiry -Oriented Lessons- Section with Creative Cover Page for Each Week of Class

what

why

Evaluation Rubric for 3E Write -Ups

Things to Avoid

Major Individual Reports

Sapelo Island PhotoNarrative

Environmental Issue PowerPoint

Oral Report Grading Rubric

Creativity & Illustrations:

Work Ethic

Grading:

Clear, Consistent, and Convincing

The grade

will be a reflection of the quality of the work presented. It will not be a measure of the amount of time spent on the assignments. Remember: the grade is based on a demonstration of what was learned; it is not given for the size of the Portfolio.

Portfolio Construction Guidelines

PORTFOLIO	Insufficient	Minimal	Adequate	Outstanding
Product				
Skill				
Knowledge				
Reasoning				

Expectations on ISCI 3103 Writing Assignments

Objective

Focus