

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