

## ISCI 2001: Life & Earth Science for Early Childhood Education Fall 2014 Course Syllabus, Valdosta State University

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### COURSE INFORMATION:

**Title:** Life and Earth Science for Early Childhood Education (ISCI 2001 A, B, C, & E)

**Instructor:** Dr. Emily K Croteau (ekcroteau@valdosta.edu; 333-5773)

**Office:** Bailey Science Center 2211

**Office Hours:** MT: 11:00-12:00 and by appointment

**Class Meetings:** MW: Lab Sessions: 9:00 a.m. and 10:00 a.m., Bailey Science Center 1043

MW: Lecture 12:00 p.m. – 12:50 p.m. Bailey Science Center 1023

### Learning Outcomes – Generally, students in ISCI 2001 will be able to:

**Explain** – Subject matter and pedagogical practices

**Interpret and Demonstrate** – Astute reasoning and ability to make meaningful connections between concepts

**Apply** – Links between subject matter and science instruction

**Identify** – Scientific concepts involved in understanding the Life & Earth Sciences

**Reflect** – On the process of learning and teaching science

**Course Description:** ISCI 2001 is a 3 hour credited course that emphasizes biological and geological principles and processes. Students will attend two class sessions within a day that focus on a single theme. Members may attend different lab sections but all lab sections will attend the same lecture. Labs and lectures will involve student participation. The first session of the day is an Inquiry-Oriented, 50 minute lab that initiates the topic with an **Engagement Question and Exploration** activity. The second session will be a 50 minute lecture devoted to the elaboration of the core concepts through a detailed **Explanation** of the topic. Students will **Elaborate** on what they've learned through various assignments and will be **Evaluated** on their understanding using

**Academic Honesty:** Members of the class are expected to maintain high standards of integrity. The VSU Biology Department Statement on Plagiarism clarifies common types of academic misconduct. Dishonesty will not be tolerated; evidence of cheating will result in no credit for the assignment or depending on the case, a grade of "F" for the course and letter of concern documenting the problem to the College of Education.

## **Assessment of Learning**

**Class Participation and Attendance:** Since more than half of this course involves active experiences, it is not possible to "make-up" missed material; therefore, **attendance is mandatory**. Absences need to be university approved and will require documentation substantiating the absence. It is the responsibility of the student to obtain missed material from one of their classmates. During lab you will be working in groups or with a partner

...ve many forms of cheating that involve taking credit for someone else's

Plagiarism is a broad term used to descri

...understanding of course material, but also the

...writing allows faculty members to evaluate not only an individual's

