

Course Learning Objectives

Upon successful completion of this course students will have a clear understanding of basic ecology, environmental studies, and sustainability topics. Students will be able to create and teach an effective lesson on a science or environmental topic including hands on activities. Specific CLOs are:

- 1) Students will be able to answer the questions: What is environmental education? Who am I as an educator?
- 2) Students will be able to understand pedagogical approaches through theory, application, and praxis.
- 3) Students will possess working knowledge of basic science and environmental science concepts and current environmental issues.
- 4) Students will develop, deliver, and reflect on an original environmental education lesson plan that includes hands-on activities and integrates California K-12 teaching standards.

Information Literacy Learning Objectives

- 1) An information literate student determines the nature and extent of the information needed. The information literate student defines and articulates the need for information, as well as identifies a variety of types and formats of potential sources for information.
- 2) An information literate student evaluates information and its sources critically and incorporates selected information into his/her knowledge base. Students summarize the main ideas to be extracted from the information gathered, articulates and applies criteria for evaluating both the information and its sources, and synthesizes main ideas to construct new concepts.
- 3) The information literate student understands the economic, legal, and social issues surrounding the use of information, and accesses and uses information ethically and legally.

Library Liaison

Peggy Cabrera (peggy.cabrera@sjsu.edu or 408-808-2034) is the Library Liaison for the Department of Environmental Studies. She is a great resource. Email her for help via email or to set up a Zoom appointment.

Required Course Materials

Readings

Broda, H.W. 2007. *Schoolyard Enhanced Learning: Using the Outdoors as an Instructional Tool, K-8*. Stenhouse Publishers. ISBN-13: 978-1571107299.

The Broda book is available in the SJSU Bookstore, [on Amazon](#), and in Canvas as a scanned PDF. The scanned PDFs are not screen reader compatible, so if you need the AEC to create alternate formats, please get a copy from the bookstore. All additional course readings and materials will be integrated into the course Modules and available on Canvas as PDFs or links. These materials will be screen reader compatible.

Technology

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Students are expected to have the following basic computer skills:

Utilize Canvas LMS and associated tools/features

Microsoft Office including Word, Excel, and PowerPoint

Assignments may include low stakes short quizzes, written work, short video responses and discussions via Canvas, cases studies, and in-person activities. The major project for the course will be writing and teaching a

Rubrics

Most assignments will be graded using a rubric. For assignments and discussions that utilize a rubric, you can review the rubric before submitting your work to ensure you have met all assignment guidelines and requirements.

[How to view a rubric for an assignment?](#)

[How to view a rubric for a discussion?](#)

[How to view rubric results for my assignments?](#)

Extra Credit

Students are responsible for recording the details of any offered extra credit assignments.

Grading Overview and Assessment of Learning Objectives

Please note that points possible may change based on class progression.

Assignment	Points	Learning Objectives
Lesson Plan Dissection	15	CLO # 2
Backward Design Template	20	CLO # 2, 4
Written Lesson Plan	50	CLO # 2, 3, 4, ILLO #1, 2, 3
Lesson Plan Teaching Experiences	50	CLO # 2, 3, 4
Environmental Education Philosophy	40	PLO # 1, CLO #1, 2, 4
Biome Poster	25	CLO #2, 3, ILLO #1, 2, 3
Conservation Activity	20	PLO # 1, 2, CLO #2, 3
Sustainability Activities	20	PLO # 1, 2, CLO #2, 3
Final Exam	100	PLO # 2, CLO #1, 2, 3, 4
Other Activities, Discussions, and Participation	300-400	PLO # 1, 2, CLO #1, 2, 3, 4, ILLO #1, 2, 3
TOTAL	~800	

University Policies

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' [Syllabus Information web page](#).

Diversity, Inclusion, and Accessibility

In accordance with San José State University's Policies, the Student Code of Conduct, and applicable state and federal laws, discrimination based on gender, gender identity, gender expression, race, nationality, ethnicity, religion, sexual orientation, or disability is prohibited in any form. The [SJSU Diversity website](#) has information on campus policies and programs, the Office of Diversity, Equity, and Inclusion, and how to report instances of bias.

Students are expected to participate fully in all class activities. It is expected that students will be open-minded, participate fully in discussions in-class and online, and debate in a mature and respectful manner. Use of derogatory, condescending, or offensive language including profanity is prohibited. Expressing disagreement should always include an explanation of your reasoning and whenever possible, evidence to support your position.

The CSU and SJSU both mandate that all students, staff, faculty, and visitors have equal and inclusive access to information and educational materials and programs. Therefore, all instructional documents and materials, electronic materials and programs, and web based materials and programs must be created to be accessible by all. The [Accessibility at SJSU website](#) has information on the specific laws and policies regarding accessibility,

as well as information on SJSU's programs to ensure accessibility. In this course, my goal is to have all materials, readings, videos, etc. created in an accessible format. If you find a course component that is not accessible to you, please let me know, so that I can make corrections.

Additionally, the accessibility statements and resources (as available) for websites, software, and tools that we may be using in the course can be found at the links below.

[Canvas](#): Learning Management System used by SJSU

[Canvas Studio](#): audio/video recording tool within Canvas LMS

[Google](#): SJSU email, calendar, and online tools

[OpenStax](#): online open access textbooks

[Pressbooks](#): online open access textbooks

[Turnitin](#): plagiarism check tool used in Canvas LMS

[YouTube](#): video hosting/viewing

[Zoom](#): synchronous web conferencing

SJSU Cares

Students experiencing challenges meeting their basic needs including, but not limited to, access to food, shelter, and a safe space are encouraged to contact SJSU Cares. The SJSU Cares program can help connect students to