Course Title: Workshop: Greening Your Core
Course Number: AAA 608
Credit: 1 credit
Meeting times: April 23, 2016 (one-day conference); through May 23, 2016
Next Generation: STEM, Standards, and Sustainability Conference
Location: UO Baker Downtown Center, Eugene; UO White Stag Block, Portland
Instructors: Jake Pollack, PhD

Course Description

New Common Core standards encourage student observation and analysis of the world through basic subjects (English, science, math, and social studies), while Next Generation Science Standards require students to understand models and make appropriate predictions upon what they observe. The same is true for the concepts of eco-literacy; understanding nature requires observation and reflection of natural systems.

This workshop will demonstrate, through real world examples, how teachers are successfully integrating eco-literacy to meet Common Core and Next Generation requirements. Many 3rd through 5th grade students have a deep interest in nature and environmental protection, providing an opportunity for teachers to create lesson plans that blend standards and ecological principles students enjoy. Through hands-on activities, teachers will gain the resources and skills necessary for ongoing assimilation of eco-literacy in their classrooms.

Course Objectives

1. Recognize the importance of integrating eco-literacy with Common Core and Next Generation requirements by attending the New Generation conference's three eco-literacy sessions.
2. Identify the key concepts of eco-literacy and the aspects of Common Core and Next Generation standards through reviewing the required reading materials.
3. Create a lesson plan from the readings and content of the conference sessions which demonstrates appropriate application of Common Core and Next generation to eco-literacy activities and learning opportunities.

Due Dates: All assigned work must be completed by May 23rd, 2016.

Readings

Students will read and reflect on the following:


Selections from Center for Ecoliteracy website: http://www.ecoliteracy.org/

Oregon Environmental Literacy Plan: http://www.ode.state.or.us/gradelevel/hs/oregon-environmental-literacy-plan.pdf


Course Expectations and Assignments

Participation in Next Generation: STEM, Standards, and Sustainability Conference, and:

• Lesson Plan Development: 60%
• Book Review and Reading Response: 40%

To receive UO credit for this class, participating teachers must attend: (a) Next Generation: STEM, Standards, and Sustainability Conference on April 23, 2016; (b) develop a lesson plan that will be implemented in your own class; and (c) complete a reading response to post online. This can build upon the lessons learned in the workshop and may be completed with a partner or small group of three.
**Incompletes**

Incompletes can be given to participating teachers who fail to complete the assignments by May 23, 2016. To receive an incomplete, the student must request it in writing from the instructor, along with a written plan and timeline for completing the unfinished assignments. It is at the instructor’s discretion to accept or reject the proposed arrangement for eliminating the incomplete.

**Student Engagement Inventory**

<table>
<thead>
<tr>
<th>Educational activity</th>
<th>Hours of student engagement</th>
<th>Explanatory comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Attendance</td>
<td>8</td>
<td>Face-to-face interaction and activity at the Next Generation Workshop</td>
</tr>
<tr>
<td>Readings and Written Assignments</td>
<td>6</td>
<td>Selected assigned readings and written reflections on a blog site for the course</td>
</tr>
<tr>
<td>Lesson Plan Development</td>
<td>25</td>
<td>Participants will integrate and/or apply techniques and lessons learned from the workshop and develop a lesson plan to adapt to their own class</td>
</tr>
<tr>
<td>Consultation with Peers</td>
<td>Variable (1 – 2 hours)</td>
<td>Participants will do a progress check with teaching assistants</td>
</tr>
<tr>
<td><strong>Total hours:</strong></td>
<td><strong>40</strong></td>
<td><strong>Attendance Policy</strong></td>
</tr>
</tbody>
</table>

Attendance at workshop and follow up activities are expected and required.

**Absence Policy**

Students must contact the instructor in case of illness or emergencies that preclude attending a class session or taking a quiz/exam. Messages can be left on the instructor’s voice mail or e-mail at any time of the day or night, prior to class. On a case-by-case basis, the instructor will determine whether the illness or emergency qualifies as an excused absence. If the absence is excused, the instructor will work with the student to create an alternate learning experience to make up for session that was missed. If no prior arrangement was made before class time, the absence will be unexcused and the student will not be able to make up the time.

**Add/Drop Policy:**

The last day to drop this course with a 100% refund is April 26, 2016.

The last day to add this course is April 28, 2016.

**Academic Misconduct Policy**

All students are subject to the regulations stipulated in the UO Student Conduct Code: http://policies.uoregon.edu/vol-3-administration-student-affairs/ch-1-conduct/student-conduct-code

This code represents a compilation of important regulations, policies, and procedures pertaining to student life. It is intended to inform students of their rights and responsibilities during their association with this institution, and to provide general guidance for enforcing those regulations and policies essential to the educational and research missions of the University of Oregon.

**Diversity**

It is the policy of the University of Oregon to support and value diversity. To do so requires that we:

- Respect the dignity and essential worth of all individuals.
- Promote a culture of respect throughout the university community.
- Respect the privacy, property, and freedom of others.
- Reject bigotry, discrimination, violence, or intimidation of any kind.
- Practice personal and academic integrity and expect it from others.
- Promote the diversity of opinions, ideas and backgrounds which are the lifeblood of the university.

**Accessibility**

The University of Oregon is working to create inclusive learning environments. If you have a documented disability and anticipate needing accommodations in this course, please contact the Accessible Education Center (formerly Disability Services) in 164 Oregon Hall at 541-346-1155 or uoaec@uoregon.edu; provide documentation, during the first week of class.