

Professional Development Course Syllabus

Course Number: EDSC 5361

Course Title: Idaho Water Camp

Instructor: Julie Scanlin Semester Credit(s): 2 Total Cost for Course: \$120.00

Sponsor/Instructor is required to submit all class registrations within one week of the start date.

1. Educational Goals For The Course:

- Idaho Water Camp is a class and field trip oriented environmental education and resource conservation program, which focuses on water. This program reaches out to teachers, resource professionals and the general public interest in promoting and expanding knowledge of the nature of water, water uses and management within the social and cultural constructs, and it's unique role in earth systems. The course emphasizes the use of hands-on, investigative classroom and field study and models the use of innovative instructional strategies. The goal of the course is to provide participants with information, materials, field experiences and motivation to expand public knowledge and awareness of water resources. The outcome being a public better able to make informed decisions and commitment to a stewardship ethic resulting in responsible behaviors effecting water and all earth systems.

2. Instructional Learning Objectives:

The student will be able to:

- Design and conduct hands-on activities which encourages exploration of aquatic ecology concepts and water resource issues through various methods including the collection and interpretation of data and development of summary conclusions.
- Organize and lead discussions examining the relationship of water to earth systems, economies, cultures and daily lives from varied viewpoints.
- Create innovative strategies or methodologies to stimulate a self-guided learning environment for students to explore their own beliefs and behaviors related to the natural world.
- Develop a plan to interpret one water phenomenon or resource management principle.
- Access varied resources and references of education materials related to water and the environment.

3. Course Requirements:

In Class:

- Attendance and participation

Out of Class:

- Students will be required to develop and plan a classroom or field activity related to water, which will be staff evaluated. Students will have their choice from the following:
 - a) Develop and plan two water education activities with an outside group and submit a paper stating teaching objective, audience, activity description (including adaptations) and self assessment.
 - b) Create a new water education activity related to a specific concept or issue designed to follow the established Project WET format. The student must prepare a paper with complete activity description, expected outcome and method of assessment.
- Submit assignments to Julie Scanlin at jscanlin@uidaho.edu.

4. Dates, Times And Location Of Proposed Course:

(1 Semester Credit Equals 15 Professor Contact Hours With 30 Hours Outside Work-Exceptions Upon Approval.)

Time to equal 50 contact hours plus outside work to meet 2 semester credit requirements between August 4 - 7, 2009; Pocatello, ID

5. Due Dates For Completion Of Course Requirements: August 28, 2009

6. Learning Resources And Required Text: Project WET Activity and Curriculum Guide, Idaho Streamwalk (unpublished), Healthy Water Healthy People, and Watershed Manager, as well as varied supplemental water education materials, posters, and teaching aids

7. Evaluation Procedure: Pass/Fail