Professional Development
Course Syllabus

Course Number: EDSC 5618 (Sec. 01)  Sponsor ID: 214284
Course Title: PLT: Focus on Energy  Total Cost for Credit: $60.00

NOTE: Continuing Education courses are designed for professional development and do not normally count toward an academic degree.

1. Educational Goals for the Course:
   In this Project Learning Tree (PLT) workshop for middle school educators, they will explore renewable and nonrenewable energy sources, traditional and alternative energy, biomass, and related issues. Educators will experience activities from the PLT Activity Guide, Energy & Society kit and PLT’s new GreenSchools Investigations.

2. Instructional Learning Objectives: (What will educators learn and put into practice as a result of completing this process?)
   Educators will:
   - Explore photosynthesis as the starting point for the majority of the earth’s energy.
   - Use PLT activities to explore nonrenewable and renewable energy sources.
   - Investigate the school’s use of energy, through a GreenSchools Investigation.
   - Conduct two PLT activities with their students and write a reflection paper about their experiences.
   - Incorporate information and materials from the class into their curriculum.

3. Course Requirements – Educators will:
   In Class:
   - Attend and participate in class discussions and activities.
   Out of Class:
     1) Prior to class, complete an energy survey. Educators will note their use of energy, and any decisions they make that are related to energy, throughout the week prior to the class.
     2) After class, prepare and teach two Project Learning Tree activities to a group of students.
     3) Write an overview of each activity, including:
        - Name of activity, age/grade and number of your students.
        - Describe any procedural adaptations you made to the activity.
        - Discussion and self-evaluation: What went well? How did the students respond to the overall activity? How did YOU feel while doing the activity? What will you change next time you teach the activity?
        - (Optional) Include photos and/or a sample of the students’ work.
     4) Provide a written discussion of how they will use the information and materials from the class.
     5) Submit all course work to instructor at plt@idahoforests.org

4. Dates, Times and Location of Proposed Course:
   (1 Semester Credit Equals 15 Professor Contact Hours plus an additional 30 Hours outside Work)
   4:00pm - 9:00pm, April 23, 2010 and 8:00am - 5:00pm, April 24, 2010; plus an additional 30 hours of outside course work to equal the necessary 45 hours for a one-credit course. Coeur d’Alene Charter Academy, 4904 N Duncan Dr, Coeur d’Alene, ID.

5. Due Date for Completion of Course Requirements:  May 14, 2010

6. Learning Resources and Required Text:
   Project Learning Tree PreK-8 Environmental Education Activity Guide.
   PLT Energy & Society Program educational kit.
   PLT GreenSchools Initiative: Energy Investigation.