

Food, Land, and People II

Syllabus – Land & Water Conservation Course

COURSE AND NUMBER	Education 600 Food, Land, and People II – Land & Water Prerequisite: None
CREDIT HOURS	1 Professional Development Credit
FEE	\$50 registration fee and \$50 NDSU credit fee
INSTRUCTOR:	Virginia M. Deitz, Phone: 701-799-1825 E-mail deitzv@gmail.com
TEXTBOOKS:	Food, Land & People “Resources for Learning” Spiral Binder or Food, Land & People 2nd edition CD, www.foodlandpeople.org and other related web-sites e.g. www.agclassroom.org ; www.ndaginclassroom.org .
DESCRIPTION:	The course is designed to provide meaningful activities, instructional strategies, materials, and research to enhance the teaching skills of Pre-K- 12 th grade educators in subjects related to food, land and people. The participants will have educational tools to help their students better understand the interdependence of agriculture, the environment, and human needs through lessons in multiple curriculum areas: science, mathematics, social studies, geography, technology, and more. More specifically, this course will provide educators with resource information that will assist them in the instruction and presentation of the “Land and Water Units.” The textbook for the course will be “Resources for Learning” but will include additional materials from the USDA Natural Resources Conservation Service and Project WET, books, kits, maps, PowerPoints and other materials.
NATIONAL BOARD FOR PROFESSIONAL TEACHING STANDARDS	The National Board for Professional Teaching Standards seeks to identify and recognize teachers who effectively enhance student learning and demonstrate the high level of knowledge, skills, abilities and commitments. This course aligns with all 5 of those standards.
OBJECTIVES:	<ol style="list-style-type: none">1. Understand how natural and environmental concepts can be integrated into the curriculum. To heighten the awareness level of where we live, our relation to it, and the use and replenishment of natural resources.2. Use lessons available in FLP, guide group activities (large, small, and cooperative,) provide for individual differences and learning styles, and evaluate students’ learning.3. Identify and use appropriate learning activities to integrate social concerns and social perspectives regarding soil, water and people issues.4. Develop understanding, thinking skills, creativity, and improve communication skills in the learning environment with students.5. To use FLP lessons and see how they integrate curriculum and are aligned to the North Dakota standards. See ND FLP Alignment at www.ndaginclassroom.org Heading FLP Curriculum Standards, or ND Common Core State Standards http://www.dpi.state.nd.us/standard/common_core.shtm6. To use instructional media FLP CD.

TOPICAL
OUTLINE

Day #1 – 8:30 am – 4:30 pm
Science/Social Studies Focus (4 hours)
Introduction to Food, Land & People Interdisciplinary Curriculum, Rubric
Assessment review and NDSU Credit requirements.
Active participation in lessons introducing students to soil science/land
use/: “Limits of the Earth,” “The Plant & Me,” “The Life Box,” “Perc
Through the Pores,” “Gifts from the Sun,” “What Will the Land
Support?” and “Root, Root for Life.”
Lunch (.5 hr)
Guest Speaker – NDSU or USDA NRCS Soil Scientist (1.5 hours)
Soil Texturing/Journal Covers with soil painting activity (2 hours)
Day #2 – 8 am – 4 pm
Science/Mathematics Focus connecting to Water (2 hours)
Intro to “Don’t Use it All Up!” and “AquaBodies.”
Field Trip to local site for hands on learning of land/water issues (2 hours)
Lunch (.5 hour)
Video presentation “The Good Earth” Intro to lessons “Till We or Won’t
We,” “Tree-Mendous!” “From Apple Cores to Healthy Soil.” (2.5 hour)
Final review of Course reflections/questions and course evaluation (1
hour)

REQUIREMENTS:

1. Attend 15 hours of classroom instruction
2. Be active participant in classroom presentations of material and hands-on activities
3. Complete a Curriculum Planning Worksheet for 2 lessons that could be incorporated into current classroom units of study, including references to applicable Common Core National Standards.

EVALUATION: The students will be evaluated on the completion of the requirements with point values stated. The attached course rubric will be utilized for individual student assessment and letter grading.

STUDENTS WITH DISABILITIES: Any students with disabilities or other special needs, who need special accommodations in this course are invited to share these concerns or requests with the instructor as soon as possible.

ACADEMIC HONESTY STATEMENT: All work in this course must be completed in a manner consistent with NDSU University Senate Policy, Section 335: Code of Academic Responsibility and Conduct (<http://www.ndsu.nodak.edu/policy/335.htm>).

3/17/2015