

**Fond du Lac Tribal and Community College
COURSE OUTLINE FORM**

Updated 9/23/14

Please return this form to the college vice president of academic affairs and the chairperson of the Academic Affairs and Standards Council (AASC)

1. Prepared by: _____

2. Date submitted: _____

3. Date approved: _____ Date revised 10/14/14

4. Department/discipline: Geography

5. Department(s) endorsement(s): _____

(Signatures of the person(s) providing the endorsement are required.)

6. Course Title: Environmental Conservation

Abbreviated course title (25 characters or less): _____

7. Course Designator: GEOG 8. Course Level: 1030 9. 2XXX

10. Number of Credits: Lecture 3 Lab _____

11. Control Number (on site) 60 Control Number (online) _____

12. Catalog/Course description:

Integrated hands-on study of the physical, economic, social, and political aspects of natural resource management. Emphasis on identifying environmental problems and evaluating alternatives for resolution through data collection and critical thinking. (Meets MnTC goal areas 5 and 10).

13. Course prerequisite(s) or co-requisite(s): Accuplacer scores/ Other courses

Prerequisite(s):

Co-requisite:

14. **Course Materials** (Recommended course materials and resources. List all that apply, e.g. textbooks, workbooks, study guides, lab manuals, videos, guest lecturers).

Text determined on a yearly basis depending on availability and content.

Three-Ring Binder and Colored Pencils.

Handouts, Overheads, Slides, and Videos.

15. **Course Content** (Provide an outline of major topics covered in course)

- The Environment and the Web of Life
- The Conservation Ethic
- Natural Resources
- Human Nature and the Environment
- Consumerism vs. Conservation
- Environmental Law and Regulation
- Environmental Decision Making

- Energy Uses and Exploitation
- Pollution
- Global Environmental Issues
- Sustainable Development
- Alternative Energy

16. Learning Goals, Outcomes, and Assessment

At FDLTCC we have 4 Competencies Across the Curriculum (CAC) areas. They are as follows:

- A. Information Literacy (the ability to use print and/or non-print tools effectively for the discovery, acquisition, and evaluation of information)
- B. Ability to Communicate (the ability to listen, read, comprehend, and/or deliver information in a variety of formats.)
- C. Problem Solving (the ability to conceptualize, apply, analyze, synthesize, and/or evaluate information to formulate and solve problems.)
- D. Culture (knowledge of Anishinaabe traditions and culture, knowledge of one's own traditions and culture, knowledge of others' traditions and cultures, culture of work, culture of academic disciplines and/or respect for global diversity.)

Course learning outcomes will fulfill the identified competencies.

Course Learning Outcomes:

Upon completion of this course, students will be able to:

1. Explain the impact consumerism has on the environment. (B, C, D)
2. Graph the relationship of carbon emissions and global warming. (A, B, C)
3. Conduct internet research, and present in written report form, an assigned environmental topic. (A, B)
4. Identify factors which threaten biodiversity. (B, C, D)

17. **Minnesota Transfer Curriculum (MnTC):** If this course fulfills an MnTC goal area, state the goal area and list the goals and outcomes below:

See www.mntransfer.org

Goal Area(s): 5 & 10

Goal and Outcomes:

Goal 5: (Group 2) History/Social Behavioral Science

Goal 10: People and the Environment

Course goals:

Goal: To promote an understanding of environmental concepts and their relevancy to the student's everyday world.

Outcome: Students will demonstrate and communicate concepts through scientific inquiry and laboratory activities.

Assessment: In-class question and answers

Assessment: Lab journals

Assessment: Problem solving exercises
Assessment: Student presentations
Assessment: Exams
Assessment: Attendance