

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

Updated 11/25/14

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 02/25/15

4. Department/discipline: Biology

5. Department(s) endorsement(s): _____
(Signatures of the person(s) providing the endorsement are required.)

6. Course Title: General Biology II
Abbreviated course title (25 characters or less): _____

7. Course Designator: BIOL 8. Course Level: 1102

9. Number of Credits: Lecture 3 Lab 1

10. Control Number (on site) 72/24 Control Number (online) _____

11. Catalog/Course description:

Fundamental concepts of biology including classification and diversity of life, anatomy, physiology, and development of prokaryotes, protistans, fungi, animals, and plants; behavior; population, community, and ecosystem ecology. Lecture & Lab. (Meets MnTC goal area 3).

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

Prerequisite(s):

Co-requisite:

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

Campbell, N.A., J.B. Reece, and L.G. Mitchell. 2008. Biology. Benjamin/Cummings, 8th Ed. New York, NY. 1175 pp.

Lab materials provided

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

Lecture topics:

- Evolution
- Biological diversity
- Plant diversity
- Fungi
- Animal diversity
- Plant form and function
- Animal form and function

- Behavioral biology
- Population ecology
- Community ecology
- Ecosystems

Lab topics to closely follow lecture material

15. 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. Describe the mechanisms of evolution.
2. Describe the structure and function of prokaryotes.
3. Describe the structure and function of plants.
4. Describe the structure and function of animals.
5. Describe the structure and function of ecosystems.
6. Collect and analyze data.

16. 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): 3

Goals and Outcomes:

Goal 3: Natural Sciences