

Oglala Lakota College
Course Syllabus
Fall 2011

Course Name & Number

Introduction to Biology I
Bio 153 – 3 credits

Instructor

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Classroom location and hours

Tuesday 1-4 He Sapa College Center and Pictel to Pine Ridge College Center (if need be Pine Ridge Weds 1-3)

Office Hours

- 1 hour before class begins @ He Sapa and 1 hour after Bio 151 ends in Pine Ridge
- You may also arrange other times at Piya Wiconi on Fridays or other days by arrangement

Course Description

This course begins with basic chemistry of life and proceeds through cell structure and function to animal embryology, plant life cycles, hormonal and environmental influenced growth processes, and structure of roots. Stems, leaves and animal physiology are also studied.

Required materials

Biology: The Unity and Diversity of Life; Starr and Taggart; Twelfth edition

Student Interactive workbook for Biology: The Unity and Diversity of Life; Starr and Taggart; Twelfth edition

Instructional Method

Lectures, assigned reading, quizzes, workbook materials, lab work and the oral presentation of a scientific investigation will be used in this course.

Course Rationale

This course will fulfill some of the coursework required for the Natural Science, Natural Resources or Life Science degree.

Course objectives

Discipline/Department Objectives/Outcomes

Tribal: Provide curriculum and academic experiences that infuse new knowledge to our stakeholders and to create new training opportunities for existing professionals in math and science.

Community: Offer formal and informal learning opportunities for students and community members to positively influence their beliefs regarding science and math.

Cultural: Create an environment that supports, encourages, and respects Lakota values in all aspects of our academic, research, and outreach efforts.

Academic: Establish a foundation of academic excellence in Science, Technology, Engineering, and Mathematics.

Instructor Objectives/Outcomes

- Demonstrate the processes of science.
- Demonstrate an understanding of some basic concepts of biology.

Evaluation

Workbook activities	25%	90-100% =	A
Attendance	10%	80-89% =	B
Reaction papers (5)	25%	70-79% =	C
Quarterly Exams	40%	60- 69% =	D
		< 59% =	F

Workbook Activities - *Student Interactive Workbook for Biology: The Unity and Diversity of Life*; Starr and Taggart; Twelfth edition. Students will receive points for completed sections. Because this is an introduction to biology; terminology is important. Terminology helps lay the foundations for the other sciences. I will look at your workbook quarterly. They will be checked while you are taking the quarterly exam.

Attendance – Attendance is important for all classes! You will receive 5 points for every class attended; 2 for every excused absence. In order to receive an excused absence you must contact me or the college center director or counselors. 0 points will be added for every unexcused absence. **Only excused absences can be made up.** To make up the class you must turn a one-two page, double-spaced, 12 pt font summary of the chapter(s) covered the day of your excused absence. **You must have this turned in by the next class.**

Reaction papers – You are required to submit five, 1-2 page, double-spaced 12 pt font reaction papers. You will find scientific studies of your choice. They are due **Sept 13, Oct 4, Oct 25, Nov 15 and Dec 6.**

Quarterly exams – An intensive exam will be given after a minimum of five chapters. You will receive a complete review the class before the exam.

Course Policies

Attendance

Students are required to attend classes regularly. Instructors will submit attendance on-line weekly to the end of the semester.

- If a student wishes to be excused from a class, it is the student's responsibility to clear the absence with the instructor. At that time the student must arrange for a make-up assignment. However, an excused absence is the same as an absence until the student has completed work equivalent to being in class within one week of the absence. Once the make-up assignment is completed, the instructor will then change the absent to present depending on the circumstance and quality of work. This will apply to no more than two absences.
- A student may be dropped from a course after three consecutive absences and will be dropped by the Registrar after five total absences.
- There are **NO** reinstatements and **NO** exceptions for students who are dropped for five absences.

Tardiness

In formulating this policy it is understood that unique problems exist for both students and faculty due to the decentralized nature of OLC. Since classes meet only once per week, it is important that they be held - even if they begin late.

- Generally speaking, if an instructor is going to be late getting to a college center for a class, the center staff should always be notified. The following policy applies to cases where this has not been done:

If an instructor is late for a class, students must wait for one-half hour. After this time, the class will be considered cancelled for that week and must be made up.

- A student shall be considered tardy for class, if he/she arrives late for class, but during the first hour of the class. A student arriving later than the first hour they may be marked absent. This policy will not interfere with the instructor's prerogative to grade for class participation.
- In the event that no students appear for class at the scheduled starting time, the instructor should wait at least one-half hour before deciding to cancel the class.
- All cancelled classes must be made up.

Withdrawal

If you decide to not finish this class, it is the student's responsibility to make sure you are officially dropped from the class. If you do not drop yourself, you will receive your grade for work the amount of work completed.

Incomplete

If you need more time to complete the course, it is the student's responsibility to make arrangements with the instructor to file for an incomplete. This will include getting the necessary incomplete forms with all the necessary signatures.

An "incomplete" grade held beyond the deadline requires approval by the Registrar, who shall consider the continuing availability of the instructor; the responsibility of the student involved' and the cause for the incomplete. In such cases where the instructor is not available the appropriate department chairperson will utilize a document called the "incomplete contract" and the chairperson will assign a letter grade to the student, if possible.

An incomplete grade is given only when the instructor feels that special circumstances warrant it. In addition to the faculty providing all information necessary to determine an appropriate grade for the student, the student with the instructor and department chairperson must sign a contract. Unless stated in the contract, any incomplete grade must be made up within one calendar year.

Academic dishonesty

Plagiarism (i.e. passing off another author's work as your own) will not be tolerated. Academic dishonesty is the taking of an examination or the preparation of papers for credit wherein the student knowingly represents the work of another as his/her own; and/or knowingly breaks stated examination rules. A student may be expelled and barred from further classes upon proof in a hearing set up by the Vice President for Instruction.

Academic Freedom

The academic community is committed to education that looks beyond the narrow confines of the present. Education must initiate the challenge to old and new ideas. It must seek to develop the habit of free inquiry and investigation.

Academic freedom is the absence of restrictions placed upon the spirit of investigation, free inquiry and open discussion. In this spirit, the instructor exercises a professional judgment to select and interpret ideas, and the student has the right to challenge ideas and interpretations.

Student Discipline

Rights

Students at Oglala Lakota College have the right to the highest quality education possible and to a fair and just treatment by all departments of this college. Student's records and transcripts are confidential. Students have the right to a timely and accurate financial statement and billing.

Students are to be treated with respect and to be fairly graded. Students can participate in the governance of OLC by active involvement in their local student organization and boards, Piya Wiconi Okolakiciye and may visit any College Board meetings. Students have the right to appeal any actions against them through the grievance procedure outlined in the policy manual.

OLC students will abide by the standards of conduct while on college premises. Every student has the right to a safe learning environment. To ensure this safety, OLC applies the following as acts of misconduct subject to disciplinary action:

- Any actual or threatened physical violence
- Gross disorderly conduct
- Verbal abuse or harassment
- Vandalism of OLC premises
- Attending classes under the influence of alcohol or drugs
- Failure to properly supervise children on college premises
- Any other student conduct that causes a disruption in classes or business transactions on college Premises

ADA Statement

If you have a disability that interferes with your ability to learn and in need of assistance please contact the OLC Coordinator of Support Services at 455-6040 See OLC Policy 85-600 for further details.

Lakota Perspective:

This course stresses **Wolakotakiciapi** of "learning Lakota ways of life in the community". Introducing Lakota perspective is as much a responsibility of the student as the instructor. Class interaction is important. Using the virtues of respect, wisdom, generosity, responsibility, integrity, fortitude and courage will be beneficial for all classmates and the instructor.

Disclaimer

Information contained in the syllabus and topical content developed for the Introduction to Biology I (Bio 153) class was, to the best knowledge of the instructor correct and complete when distributed for use at the beginning of the semester. However, the syllabus should not be considered a contract between Oglala Lakota College and any student. The instructor reserves the right to make changes in course content or instructional technique without notice or obligation.

Topical Content

All homework for the next week's class **must be done** before class begins. Your homework is the workbook activities for the chapter(s). Ex: To be prepared for Week Two you must have completed the workbook activities for Chapters One, Two & Three before you come to class on Week Two.

Week One Aug 30

Syllabus-phone numbers-email
Ch. 1

Week Fifteen Dec 6

Quiz Four
Reaction paper due

Week Two Sept 6

Ch. Two & Three

Week Three Sept 13

Ch. 4 & 5
Reaction paper due

Week Four Sept 20

Ch. 6 & 7
Review

Week Five Sept 27

Quiz One

Week Six Oct 4

Ch. 8, 9 & 10
Reaction paper due

Week Seven Oct 11

Ch. 11 & 12
Review

Week Eight Oct 18

Quiz Two

Week Nine Oct 25

Ch. 21 & 22
Reaction paper due

Week Ten Nov 1

Ch. 23 & 24

Week Eleven Nov 8

Ch. 25, 26 & 27
Review

Week Twelve Nov 15

Quiz Three
Reaction paper due

Week Thirteen Nov 22

Ch. 45, 46 & 47

Week Fourteen Nov 29

Ch. 48 & 49
Review