

OGLALA LAKOTA COLLEGE

Course Syllabus

Spring 2014

Course Name & Number

Human Biology

Bio 103 – 3 credits

Instructor

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Classroom location and time

Pahin Sinte College Center
Tuesday 5:00PM-8:00PM

Office Hours

1 hour before class starts on all scheduled days or a prearranged meeting on Fridays @ the Math Science Department Building at Piya Wiconi. Phone Number (605) 455-6002

Required Text

Human Biology (11th Ed.), by S.S. Mader, McGraw Hill, New York (2010)

Course Objective

The objectives of this course are to give the students functional understanding of basic chemistry, microbiology, anatomy and physiology.

Instructional Method

Lectures, assigned reading, quizzes and research papers will be utilized.

Course Description

This course provides an introduction to human biology, including the evolution, natural history, and ecology of humans. Emphasis is placed on what the biological sciences have to say about maintaining human health. Native American views of health are also discussed.

Course Rationale

This course will fulfill the science requirement needed for graduation.

Course Objectives/Outcomes

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

Upon successful completion of this course, the student will:

- Understand the basic chemistry, cell structure, organization and regulation human body systems
- Have a basic understanding of the cardiovascular system, digestive system, respiratory system, skeletal system, muscular system, nervous system, endocrine system, reproductive system, urinary system and excretory system.
- Have knowledge of select diseases and be able to explain the body's defense mechanisms against disease and sicknesses

Evaluation

Research papers, and quizzes will be scored for correctness and QUALITY. Students will earn a final grade based directly on the percentage of course points attained.

Four quizzes	30%
Homework problems	25%
Class Discussions	15%
Research Paper	5%
<u>Final</u>	<u>25%</u>
Total	100%

The lowest quiz score will be discarded, and will not count toward final grade.

Letter grades will be assigned based on the student's total points.

A	90-100%
B	80-89%
C	70-79%
D	60-69%

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. Once the make-up assignment is completed, the instructor will then change the absent to present.
- 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 missed classes must be made up.
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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 "incomplete contract" will be utilized by the appropriate department chairperson 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. Students 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 WiconiOkolakiciye and may visit any College Board meetings. Students have the right to appeal any actions against them through the grievance procedures 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/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 Human Biology (Bio 103) 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.

Class Schedule			
Date	Wk#	Chapter Discussion	Homework Assignment
Jan 28	1	Syllabus, phone numbers, email, Ch1- Exploring life and Science Research Paper Topics	Ch 1 Internet 50 Ch2
Feb 4	2	Ch 2-Chemistry of Life	Ch 3 & 4
Feb 11	3	Ch 3-Cell Structure and Function Ch 4-Organization and regulation of Body Systems	Internet 50 DUE!! Ch 5
Feb 18	4	QUIZ 1	Ch 6
Feb 25	5	Ch 5-Cardiovascular System Heart and Blood Vessels Ch 6-Cardio Vascular System: Blood	Ch 7
Mar 4	6	Finish up Ch. 6 Ch 7-Lymphatic System and Immunity	1 st Draft Research Paper Due
Mar 11	7	Review for the QUIZ 2, Homework catch up	Ch 8
Mar 25	8	QUIZ 2 Ch. 5,6,7 Ch 8-Digestive System and Nutrition	Ch 9, 10
Apr 1	9	Ch 9-Respiratory System Ch 10-Urinary System and Excretion	Ch 11, 12, 13
Apr 8	10	Ch 11 Skeletal System Ch 12 Muscular System Ch 13 Nervous System Give Review for ch 5,6,7	2 nd Draft of Paper Due Ch. 14
Apr 15	11	QUIZ 3 ch. 8-13 Ch 14 Senses	Ch. 15, 16, 17
Apr 22	12	Ch 15 Endocrine System Ch 16 Reproductive System Ch 17 Development and Aging	Ch 18, 19, 20
Apr 29	13	QUIZ 4 ch. 14-17 Ch 18-Patterns of Chromosome Inheritance Ch 19-Cancer Ch 20-Patterns Genetic Inheritance	Final Draft Research Paper Due Ch. 21
May 6	14	Ch 21-DNA Biology and Technology Review	All Homework Due
May 13	15	Final Exam ch. 18-21	Have a great holiday!!!!!!