BIO 1409 (4:3:3)

General Biology for Non-Science Majors II

Department of Biology

Division of Arts and Sciences

SOUTH PLAINS COLLEGE

Levelland Campus

Dr. Eric Niederhauser

Spring 2021

Biology I for Non - Science Majors (BIOL 1409)

Spring 2021 FLEX -

(Online Lecture, Weekly Lab)

INSRUCTOR: Dr. Eric Niederhauser

Office Phone: 806 716-2321

Email: [eniederhauser@southplainscollege.edu](mailto:eniederhauser@southplainscollege.edu) **Please** include the course number in the subject line: 1409

OFFICE HOURS: Monday: 1:00 – 3:00; Tuesday and Thursday: 9:00 – 11:00; Friday: 8:00 – 12:00. These can be in person or online. It is usually easy to visit at any other time too; send me an email to schedule.

**Course Description:** A survey of fundamental principles of living organisms including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. This is the second semester of a two-semester sequence – though the first semester is not required. This semester will focus on the diversity of life, ecology and animal and plant structure/function. This course partially satisfies a Core Curriculum Requirement:Life and Physical Sciences Foundational Component Area (030). Core Curriculum Objectives addressed: Communication skills, Critical thinking skills, Empirical and quantitative competency skills, Teamwork, Personal responsibility, Social responsibility.

PREREQUISITE: None. CREDIT: Four semester hours

**Course Implementation:**

RECOMMENDED TEXT: Campbell, *Essential Biology with Physiology*, 6th Ed. by Simon, et al.

Note: I will NOT assign readings, and no exam material will come exclusively from this text. To be successful, it IS important to have access to a textbook in some form (online or paper) to read.

REQUIRED LAB MANUAL: Download from Blackboard and print. You MUST print the required lab manual and bring it to lab. You do not need to print it in color. I strongly suggest printing the whole manual at once. It is formatted to be double sided but single sided works too.

TECHNOLOGY REQUIREMENTS: A digital camera (can be on phone).

BLACKBOARD: The platform for this course is here: <https://southplainscollege.blackboard.com>. Recorded lectures, current grades, course information, lecture notes, etc. will be available. Online office visits will be conducted in Blackboard Collaborate.

LECTURES: Lectures will be posted Mondays and Tuesdays on Blackboard (see schedule below).

LABORATORY: **You will attend lab in person every week** (see schedule below).

**Grades**

exams: There will be four in-person lecture exams. These will be given during lab time. They will be over topics covered in lecture. The 4th and final exam will be comprehensive. Do not miss exams. If you miss an exam you must contact me within 24 hours of the exam or I will not consider a makeup exam and you will receive a zero for the exam.

Quizzes will be posted in the Quiz folder a few hours after each lecture addressing the day’s lecture topic. There will be up to 10 questions and the quizzes will be timed. Both quizzes for the week will be available to take until Friday at 9:00 am. After that, any blank quiz grades will be changed to zero. These quizzes will be open notes, internet etc. You just can’t discuss the quiz with another person. The two lowest quiz grades will be dropped.

lab grades will be based primarily on exams taken in the lab covering lab material. At least one quiz will be given during lab each unit. A few labs materials and a collection project will be turned in for a grade).

GRADING SUMMARY

|  |  |
| --- | --- |
| **Grade Type** | **Percentage of Grade** |
| Lecture Exams | 65 % |
| Lab (exams, quizzes, assignments) | 20 % |
| Lecture Quizzes | 15 % |

*Grading scale:* Final semester average 90-100 = A; 80-89 =B; 70-79 = C; 60-69 = D; <60 = F.

*Last Day to Drop the Course*: April 22, 2020

**Policies, Procedures and Rules**

This course will be conducted according to the policies and procedures of the South Plains College Student Handbook and General Catalog.

**Email:** I will send emails to your SPC email address periodically throughout the course. You are responsible for any information that is sent to your SPC email by me or the college, so please check it regularly.

**Attendance:** Lecture attendance is based on your weekly quizzes. If you fail to take any of the weekly quizzes for two weeks, you will be counted absent for both weeks and dropped from the class. Attendance at the in-person labs is required. Missing two in a row, or three total will result in being dropped from the course. Extenuating circumstances will be evaluated on a case-by-case basis.

**Lab Tardy Policy:** Arriving to lab late is disruptive and you will miss out on instructions. If you are late, please come in quickly and quietly take your seat. I may deduct 2 points from the next lab exam grade for each tardy. A student who is consistently tardy will be withdrawn from the class. See me if there is a problem or if you know you will be late.

**Covid 19:** It is the policy of South Plains College for the Spring 2021 semester that as a condition of on-campus enrollment, all students are required to engage in safe behaviors to avoid the spread of COVID-19 in the SPC community. Such behaviors specifically include the requirement that all students properly wear CDC-compliant face coverings while in SPC buildings including in classrooms, labs, hallways, and restrooms. Failure to comply with this policy may result in dismissal from the current class session. If the student refuses to leave the classroom or lab after being dismissed, the student may be referred to the Dean of Students on the Levelland campus or the Dean/Director of external centers for Student Code of Conduct Violation.

* Students who believe they have been exposed or may be COVID-19 positive, MUST contact Health Services, DeEtte Edens, BSN, RN at (806) 716-2376 or [dedens@southplainscollege.edu](mailto:dedens@southplainscollege.edu).

You will not be excused from participation in lab if I do not receive an email from Health Services.

**Academic Integrity:** The attempt of any student to cheat or present as her/his own any work which she/he has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension.

Examples of cheating and dishonesty include (but are not limited to): plagiarism, illegal possession of examinations, the use of the internet, unauthorized notes or texts during an examination or quiz, obtaining information during an exam from the exam paper of another student, assisting others to cheat, alteration of grade records, illegal entry or unauthorized presence in an office.

**Student Code of Conduct Policy:** Any successful learning experience requires mutual respect on the part of the student and the instructor. Neither instructor nor student should be subject to others’ behavior that is rude, disruptive, intimidating, aggressive, or demeaning. Student conduct that disrupts the learning process or is deemed disrespectful or threatening shall not be tolerated and may lead to disciplinary action and/or removal from class.

**Students with disabilities,** including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

**Privacy:** The federal law guaranteeing student privacy is the policy of this professor as well as that of SPC. This means that I will not discuss your grade with anyone other than you. I will NOT discuss your grade with your parents, guardians, friends, etc.

**Lab Safety:** Each student will be informed/trained on the Chemical Hygiene Plan (CHP) for Laboratories at South Plains College during the first week of the semester. Each student will be required to acknowledge receipt of this information and be required to follow all procedures outlined by the instructor and/or staff of South Plains College.

**Material Safety Data Sheets (MSDS):** These data sheets detail any potential hazards associated with the chemicals used in the laboratory. The MSDS notebook is located in room 146 of the science building. All students are encouraged to read about the chemicals used in the lab in the MSDS notebook. Please ask the instructor if you need assistance.

**Non-Discrimination Statement:** South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs, South Plains College, 1401 College Avenue, Box 5, Levelland, TX 79336. Phone number 806-716-2360.

**Campus Concealed Carry** - Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to the SPC policy at: http://www.southplainscollege.edu/human\_resources/policy\_procedure/hhc.php

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.

**Niederhauser Biology 1409 and 1406 General Weekly Schedule:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Mon | Tue | Wed | Thur | Fri |
|  |  |  |  |  |  |
| 8 am | Lecture 1 | Lecture 2 | **1409 Sec 01** |  | Office Hours |
| Posted | Posted | **LAB** |  |  |
| 9 |  | Office Hours |  | Office Hours | 9:00 am  QUIZZES  and LABS  DUE |
|  |  |  |  |
| 10 |  |  |  |  |
|  |  |  |  |
| 11 |  |  |  |  |  |
|  |  |  |  |  |
| 12 pm | Quiz Posted | Quiz Posted |  |  |  |
|  |  |  |  |  |
| 1 | Office Hours |  | **1409 Sec 02** | **1406 Sec 03** |  |
|  |  | **LAB** | **LAB** |  |
| 2 |  |  |  |  |  |
|  |  |  |  |  |
| 3 |  |  |  |  |  |
|  |  |  |  |  |
| 4 |  |  |  |  |  |
|  |  |  |  |  |
| 5 |  |  |  |  |  |
|  |  |  |  |  |