BIO 1408 (4:3:3)

General Biology for Non-Science Majors I

Department of Biology

Division of Arts and Sciences

SOUTH PLAINS COLLEGE

Levelland Campus

Dr. Eric Niederhauser

Fall 2020

Biology I for Non - Science Majors (BIOL 1408)

FALL 2020 FLEX

(Online Lecture, Alternate Weekly Lab)

INSRUCTOR: Dr. Eric Niederhauser

Office Phone: 806 716-2321

Email: [eniederhauser@southplainscollege.edu](mailto:eniederhauser@southplainscollege.edu). Use this address for questions or concerns or to request an online office visit (if I’m not already logged in).

OFFICE HOURS: Monday: 1:30 – 3:30; Thursday: 8:30 – 11:00; Friday: 8:30 – 12:00. These can be in person or online. If I am not in the Collaborate “room” and/or you would like to schedule a time for me to enter the Collaborate course room at any other time, send me an email. If I am in my office I can easily login.

**Course Description:** This general biology course is devoted to exploring the properties, structures and functions shared by all organisms with an emphasis on humans. These properties involve: cells, chemistry, energy, genetics, evolution, and interactions. We will also learn about science and the process of scientific discovery. PREREQUISITE: None. CREDIT: Four semester hours

**Course Implementation:**

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

REQUIRED LAB MANUAL: Download from Blackboard and print selected labs (see schedule below). You must bring print out to lab.

TECHNOLOGY REQUIREMENTS:

* Computer or laptop WITH microphone and camera.
* Printer to print assignments.
* Camera or scanner to take pictures of completed written assignments.

Note: As a member of the SPC community, you have free access to Office 365. Office 365 provides access to Microsoft Word, Microsoft Excel, Microsoft PowerPoint, and 1TB of free online storage with Microsoft OneDrive. Go ahead and download and install Office 365 to your computer:

To access Office 365, go to https://www.office.com and sign in with the following format: SPCusername@southplainscollege.edu and your MySPC password.

BLACKBOARD: The platform for this course is here: <https://southplainscollege.blackboard.com>. Live lectures (if you are able to “attend”) and online office visits will be conducted in Blackboard Collaborate. Current grades, course information, lecture notes, recorded lectures, links to labs etc. will also be available.

I may use Course Messages in Blackboard for written assignment submission. ONLY use Course Messages in Blackboard to turn in written assignments. To email me about concerns or questions about the material or your grades use my regular email shown above. I do not check Course Messages regularly.

LECTURES: will be presented **live** (AND recorded) Monday and Tuesday in Blackboard Collaborate (see schedule below). To join the lecture, click on the “Collaborate” link in Blackboard. I strongly encourage you to attend if possible. I will not take roll. Also, feel free to join and/or leave at any time. If you miss the live session the recorded lectures and lecture notes will be posted later the same day.

LABORATORY:**Online** Simulations will be accessed through the LABSTER website – link will be provided. You can purchase access ($49) directly from Labster or purchase an access code from the bookstore (there may be a slight markup).

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

**In-person labs** require the lab manual. Print select portions (see schedule below).

In person lab meetings will be followed by a review session. They are not required.   
Notice the start times for labs are different than official times. They have been delayed by ½ hour.

**Grading**

exams: There will be four exams given during the course which will cover both lecture and lab. Expect multiple choice, true or false, fill-in-the blank, short answer and essay questions. The 4th and final exam will be comprehensive.

Exams will be available to take beginning at 8:00 am on the scheduled day (Friday for the first three). You will have until midnight Sunday to start them. Specific exam procedures will be provided soon.

Do not neglect to take exams. If you miss an exam you must contact me within 24 hours or I will not consider a makeup exam and you will receive a zero for the exam.

Quizzes will be posted in the Quiz and Exams Folder a few hours after each lecture addressing the day’s lecture topic. There will be up to 10 questions. Specific quiz procedures will be provided soon. 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. The two lowest quiz grades will be dropped.

lab grades: Understanding of lab concepts will be assessed in the exams, and occasionally in the quizzes. The simulations are scored and will be included in your lab participation grade. Written lab assignments may occasionally be collected and graded.

GRADING SUMMARY

|  |  |
| --- | --- |
| **Grade Type** | **Percentage of Grade** |
| Exams | 70 % |
| Lab Grades/Assignments | 20 % |
| Quizzes | 10 % |

*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*: Nov 19, 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 will be dropped from the class. Attendance at the in-person labs is required. Missing two will result in being dropped from the course. Extenuating circumstances will be evaluated on a case-by-case basis.

**Covid 19:** It is the policy of South Plains College for the Fall 2020 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.

**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 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 General Weekly Schedule:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Mon | Tue | Wed | Thur | Fri |
|  |  |  |  |  |  |
| 8 am |  |  |  |  |  |
| 1408 Lecture | 1408 Lecture | **1408 Sec 1** | Office Hours | Office Hours |
| 9 | Live Online | Live Online | **In-Person Lab** |  | 9:00 am  QUIZZES  and LABS  DUE |
|  |  |  |  |
| 10 |  |  |  |  |
|  |  |  |  |
| 11 | 1406 Lecture | 1406 Lecture |  |  |  |
| Live Online | Live Online | Review |  |  |
| 12 pm |  |  |  |  |  |
|  |  |  |  |  |
| 1 | Quizzes Posted | Quizzes Posted |  |  |  |
| Office Hours | **1408 Sec 3** | **1408 Sec 2** | **1406 Sec 4** |  |
| 2 |  | **In-Person Lab** | **In-Person Lab** | **In-Person Lab** |  |
|  |  |  |  |  |
| 3 |  |  |  |  |  |
|  |  |  |  |  |
| 4 |  |  |  |  |  |
|  | Review | Review | Review |  |
| 5 |  |  |  |  |  |
|  |  |  |  |  |

**1408 Lecture and Lab Schedule**

* The lecture topic dates and lab content below are **subject to change.**
* **Exam dates are set.** Open Friday 8 am. Close Sunday midnight.
* Tuesday’s lecture on exam weeks will be used for catch up and lecture/lab review.
* Each lab group will meet every other week. LAB GROUPS are divided slightly differently for each section depending on class size

**Section 001** - Meets Wednesdays at 8:30:

* + Group A: Last Name A – N, will meet in person the first week, Wed, Aug 26.
  + Group B: Last Name O – Z, will see me in person the second week, Wed, Sep 2.

**Section 002** - Meets Wednesdays at 1:30:

* + Group A: Last Name A – Her…, will meet in person the first week, Wed, Aug 26.
  + Group B: Last Name Hi… – Z, will see me in person the second week, Wed, Sep 2.

**Section 003** - Meets Tuesdays at 1:30:

* + Group A: Last Name A – Mar…, will meet in person the first week, Tue, Aug 25.
  + Group B: Last Name Mas… – Z, will see me in person the second week, Tue, Sep 1.

Please **have your lab manual sections printed** when you attend lab. I suggest printing them all at once. I think you can print for free at the tech center on campus.

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