

**Required Materials:**

**Textbook:** Biology Now, 2nd Edition (without physiology) by Houtman et al. This is a NEW edition of the text. Either hardcopy or e-book are ok.

**Textbook Learning Resources:** A new account through InQuizitive and SmartWorks. These are the required online homework programs, which accompany the text. You must access these through our class Blackboard website in order to receive credit for your work. Through Blackboard use the student code that comes with your text. A code can also be purchased through the book publisher's website.

**iClickers:** You will need an iClicker for this course. You can purchase/rent/reuse an iClicker remote device.

**Blackboard:** Students are expected to check the Blackboard site at least biweekly for updates, announcements, instructions, additional learning materials, and due dates.

**Lab:** There is no laboratory requirement for this course, but BIOL 1020 is highly compatible with this course.

**Grading:** The total grade will be based out of 500 points. This scheme may change slightly during the semester.

Homework	
InQuizitive/SmartWorks	100 points
Assignments	20 points
In Class	
Quizzes (7 @ 10 pts)	70 points
Clicker Q's	30 points
Exams	
Midterms (3 @ 60 pts)	180 points
Final Exam	100 points
<b>Total</b>	<b>500 points</b>

<b>A</b>	≥ 93%
<b>A-</b>	92.9 - 90
<b>B+</b>	89.9 - 87
<b>B</b>	86.9 - 83
<b>B-</b>	82.9 - 80
<b>C+</b>	79.9 - 77
<b>C</b>	76.9 - 73
<b>C-</b>	72.9 - 70
<b>D+</b>	69.9 - 67
<b>D</b>	66.9 - 60
<b>F</b>	< 60%

**Extra Credit:** Opportunities for extra credit are rare. Any extra points offered as a part of a graded item will be applied directly to that item's grade. "Stand alone" extra credit opportunities will not initially be calculated into your final course grade. They will only be included if they clearly bump up your letter grade. (Example: You have a B-, and are three points away from a B. If you have one point extra credit, you will receive the B- you earned. If you have three points extra credit, you will receive a B.)

**Class Attendance:** Attending lecture is crucial. Though attendance is not an official part of your grade, there will be unannounced (pop) quizzes throughout the semester, as well as iClicker questions almost every lecture. These quizzes and iClicker questions may be given at any time during the class.

**Access and accommodations:** This course is ADA accessible. Students requiring special learning services and accommodations are encouraged to consult the Disability Resource Services office on campus (MSR 210). Course-related services include, notetakers, sign language interpreters, special testing accommodations, extra time for exams, and permission to record lectures.

**Tests:** For exams and quizzes, you will not be allowed to leave the room once the test has started. Calculations will be simple so you will not be allowed to use a calculator. Tests will be based on any and all of the following: Concepts discussed during lecture, information on the lecture slides, textbook reading, and additional assigned readings/videos. The Final Exam is cumulative. Be sure to bring a blank 882-E scantron to every exam. At the end of the semester, your lowest midterm exam score and your two lowest quiz scores will be dropped.

**Assignments:** Different types of assignments that will be assigned throughout the semester. Assignments are designed to (1) help students develop their abilities to think critically and summarize complex concepts, and/or (2) introduce students to the “bigger picture” ideas of biology. You will most likely not be directly tested on content from assignments.

### **Absences, and Make-Ups:**

- Daily attendance to lecture is **crucial**. Though attendance is not an official part of your grade, there will be graded, **unannounced (pop) quizzes throughout the semester**. These quizzes may be given at any time during the class.
- Any student that has **three or more unexcused absences may be dropped** from the class by the instructor.
- Unless otherwise noted, **all assignments are due by the beginning of class**. Assignments may be turned in ahead of time. Assignments will lose 10% of their grade for each day turned in late (if turned in 15 minutes after the start of class, it is considered a day late). Late assignments must be turned in within five days of the original due date.
- **If you are absent, you should email a clear image of the assignment to the instructor**. The email must be received in the instructor’s inbox before the start of class. This will provide proof that the assignment was completed on time. Remember that sending an email does not guarantee that it will be received in time, and last-minute “technical difficulties” are not a valid excuse. In order to receive a grade, the **hard copy must still be turned in** when you return to class.
- Athletes who will be absent due to athletic competition/event are expected to provide documentation of the event dates, and take exams/turn in assignments prior to the event. The student is also responsible for reminding the instructor of an upcoming absence, and for scheduling a date/time to take the exam. Failure to do so in a timely fashion results in a zero.
- **There will be no make-ups for assignments, quizzes, exams (including the final)**. If you arrive late to a test (an exam or quiz), you will not be given any extra time. If you miss a test, you will receive a zero. Exceptions:
  - **Death or imminent hospitalization** of an immediate family member or dependent on the day of the test. This requires proper documentation.
  - Students who experience an **incapacitating illness or accident** on the day of the test. This requires a note from the student’s physician (not a family member) or from the University Health Services. The documentation must explicitly show or state that the illness, injury, or incident occurred during the time of the class, or directly prevented the student from taking the test. Documentation must be provided within 7 days of the missed test.
  - It is not uncommon for students to experience bouts of being **emotionally overwhelmed and extremely stressed** during their college career. If these feelings become incapacitating, the student is advised to seek help from a health professional. Make-ups will be allowed if the student provides a signed note from a physician or licensed clinical therapist. The note must explicitly list date range of incapacitation (past and/or future) and detail the limitations to the student’s academic activities (i.e. cannot physically attend class, is incapable of completing mentally challenging tasks, etc). Your mental health is your business, so the note does need to give any diagnoses or confidential information.
- Make-up tests may be different versions of the original test, but the concepts and format will remain the same.

### **Contacting the instructor:**

- **For emails**, do not email me over non-urgent matters. Emails should be sent to [jnewton4@csustan.edu](mailto:jnewton4@csustan.edu) with “Bio 1010” in the subject line. I often only check my email twice a day during the week and not at all during weekends. Not all emails will receive a response, particularly if the concern will be addressed, or if a question can be asked in lecture/during office hours.
- **Office hours** will be weekly, Thu 9:30 – 10:30 am. Please remember that office hours are pretty much open to everyone, including people from other courses, or students with non-course related business. Additional office hours can easily be made with Dr. Newton by appointment. Please specify if you’d like the meeting to be one-on-one, or open for other students to attend. Unless otherwise noted, please assume any office hours will be in N 202.

**Cheating:** Cheating is absolutely forbidden.

- Any of the following are considered cheating:
  - **Plagiarism** is defined as using another person's words without proper reference/citation. Although in preparing problem sets you may paraphrase written information from texts or articles, you must use your own words, clearly cite the source and identify the text that was paraphrased, and demonstrate that you understand that information. If you quote directly or nearly directly from a source, you must indicate this with the use quotation marks and cite the source of information.
  - **Copying** wording, answers, and materials from another source (i.e. not a product of your own work and/or not in your own words). Thus includes assignments and tests, whether it be from current or previous classmates, or another source.
  - **Using devices, resources, or other material** that have not been explicitly allowed during tests is prohibited. Cheating includes using notes, searching the internet, or consulting other resources during any test, including online quizzes.
  - **Altering answers** on a graded material, then trying to have the grade changed is cheating.
  - **False representation** of you as someone else in this course is a gravely serious offense. Signing in, taking quizzes, or completing any course material for another student is considered cheating.
  - **Forging or altering a grade** change form is also a gravely serious offense. The Registrar's Office is wise to this; they carefully check signatures and send copies of all grade change requests to the faculty member.
- A person cheating receives a 0 for that assignment/test; their name and a description of the offense may sent to the Dean of Students. Any zeros received on tests due to cheating cannot be dropped. Cheating offenses may be punished by disciplinary probation, suspension, or expulsion. These actions may be noted on your transcript! If you think a fellow student is cheating we urge you to discretely tell us about it. We will maintain your anonymity.

**Course Schedule:** Assignments, due dates, and additional learning materials will be posted online with sufficient notice. This schedule is tentative and subject to minor changes.

Date	Topic	Chp.
Th Aug 23	The Nature of Science	1
Tu Aug 28	Applying the Science	2
Th Aug 30	Chemistry of Life	3
Tu Sep 4	Life is Cellular	4
Th Sep 6	How Cells Work	5
Tu Sep 11	<i>Review</i>	
<b>Th Sep 13</b>	<b>Exam 1</b>	
Tu Sep 18	Cell Division	6
<i>Sep 19: Census Enrollment Date</i>		
Th Sep 20	Patterns of Inheritance	7
Tu Sep 25	Chromosomes and Human Genetics	8
Th Sep 27	<i>To be determined</i>	
Tu Oct 2	What Genes Are	9
Th Oct 4	How Genes Work	10
Tu Oct 9	<i>Review</i>	
<b>Tu Oct 11</b>	<b>Exam 2</b>	
Tu Oct 16	Evidence for Evolution	11
Th Oct 18	Mechanisms of Evolution	12
Tu Oct 23	Mechanisms of Evolution	12
Th Oct 25	Adaptations and Species	13
Tu Oct 30	The History of Life	14
Th Nov 1	Animals and Human Evolution	17
Tu Nov 6	<i>No Class</i>	
Th Nov 8	<i>Review</i>	
<b>Tu Nov 13</b>	<b>Exam 3</b>	
Th Nov 15	Bacteria and Archaea	15
Tu Nov 20	Protists, Plants, and Fungi	16
<i>Thanksgiving Break</i>		
Tu Nov 27	General Principles of Ecology	18
Th Nov 29	Communities of Organisms	20
Tu Nov 4	Ecosystems	21
Th Nov 6	<i>Review</i>	
<b>Th Dec 13</b>	<b>FINAL EXAM 6:30 – 8:30 pm</b>	

