Instructor Information

Instructor: TL Pennington, Ed.S.
Office: Adjunct Faculty Office
Mailbox: Science Building, Faculty Offices
Hours: By appointment
Phone: 501-842-2031
Email: tpennington@uaptc.edu

*All emails and telephone calls will receive a response within two business days.

Chair: Thomas Russell M.S. (501) 812-2705 trussell@uaptc.edu
Dean: Marico Bryant-Howe, PhD (501) 812-2342 mbryanthowe@uaptc.edu

*If your emails and telephone calls do not receive a response within two business days, the appropriate chain of command is above.

Required cellular digital applications: Use the Android or Apple App stores.

Remind: www.remind.com/join/4b9ddc Code: 4b9ddc

Acadly: https://www.acadly.com/ Code: UAPTC1401HYBSP19

Course Information

Hybrid Lab 8:00 AM – 10:50 AM Saturday

Catalog Description

3 hours of lecture and 3 hours of lab

This course is a study of the general principles of biology and their relationship to society. Topics covered include genetics, the diversity and unity of life, and molecular and cellular biology. Laboratory experiences are integrated with lecture topics. This is a general education course for health and science majors.

PREREQUISITES: Students enrolled in BIOL 1400 must meet the following requirements:

* A score of 19 or above on the English section of the ACT, or a score of 83 or above on the Accuplacer Sentence Skills test, or a score of 80 or above on the COMPASS Writing Placement test, or completion of ENGL 0111 (Composition Review) with a grade of “C” or better.
* A score of 19 or above on the Reading section of the ACT, or a score of 78 or above on the Accuplacer Reading Comprehension test, or a score of 83 or above on the COMPASS Reading Placement test, or completion of READ 0300 (Foundations of Literacy) with a grade of “C” or better.

* A score of 22 or above on the Math section of the ACT, or a score of 97 or above on the Accuplacer Elementary Algebra test or a score of 50 or above on the COMPASS Math Placement test, or completion of all required zero (0) level mathematics coursework.

Course Materials

Required Materials


3. **CONNECT code for Hoefnagels 3rd ed. to access online assignments**

**NOTE:** Connect Access includes the Hoefnagels 3rd ed. eBook.

A printed textbook can be ordered from the Connect website for $25, or buy it at the Bookstore. The printed book can either be the 2nd or 3rd edition, but the CONNECT code must be for the 3rd ed.

**McGraw-Hill Connect:**

- Students must register with McGraw-Hill Connect within the first week of the semester. *Failing to register and complete the SmartBook Test by Midnight Jan. 20, 2019 will drop you from the course and no credit will be received for the class, Financial Aid will be notified.*

- You are required to access your McGraw-Hill Connect assignments through Blackboard (Bb).

**Internet access**

Students must have Internet access and use Blackboard and the official PTC student email account.

**Recommended Materials**

*Color Pencils, Goggles (optional), 1 roll of Masking Tape, 500 sticky Notes, Vicks VapoRub (optional)*
Mission Statement

University of Arkansas – Pulaski Technical College provides access to high-quality education that promotes student learning and enables individuals to develop to their fullest potential.

Institutional Learning Outcomes and General Education

UA-PTC supports a college-wide institutional learning assessment program which concerns effective instructional methods and promotes student learning achievement by assessing:

1. Information Literacy
2. Technology Literacy
3. Communication
4. Critical Thinking
5. Quantitative Reasoning
6. Cultural Awareness
7. Professionalism

For more information, please consult the following website: https://uaptc.edu/sla

Discipline/Program Mission Statement

The mission of the Biology discipline at UA-PTC is to provide high-quality education to students through developing the fundamental skills and knowledge to make informed decisions as individuals and members of society. We encourage critical thinking and life-long learning about the unity, diversity and interrelatedness of living things.

Discipline/Program Learning Outcomes (DLOs)

The Biology discipline, consistent with the College’s mission and the School’s objectives, encourages the success of its students in all technical fields and academic disciplines by:

1. Demonstrate critical and independent thinking through biological investigation
2. Demonstrate professionalism in communication and collaboration
3. Analyze the influence of scientific thought on individuals and society
4. Demonstrate proper use of biological instrumentation and laboratory techniques

Student Learning / Course Outcomes

UA-PTC Biology 1401 Course Outcomes:

By the end of the course, the students will be able to:
1. Define the levels of the organization and related functions of bacteria, plants, and animals
2. Describe the characteristics and basic needs of living organisms
3. Analyze the processes of growth and inheritance in individuals and populations
4. Test a hypothesis that is formulated from observations
5. Use of microscope and other lab equipment

ACTS

Biology 1401 is part of the Arkansas College Transfer System (ACTS) and meets the following ACTS course objectives. Transfer agreements can be found at https://www.uaptc.edu/transfer.

ACTS 1410

1. Scientific Method
2. Classification (Not taxonomy)
3. Cell membrane structure and functions
4. Biochemistry
5. Enzymes
6. Respiration and Photosynthesis
7. Mitosis and Meiosis
8. Metabolism
9. Genetics
10. DNA
11. Evolution
12. Use of Microscopes and other lab equipment

Policies

Report a Complaint or Concern

UA-PTC takes very seriously complaints and concerns regarding the institution. Most complaints or concerns of a specific nature should be initiated and resolved at the campus level through normal college processes whenever possible. UA - Pulaski Technical College receives and resolves complaints using a variety of methods. To report a complaint or concern, please follow the link below.

https://www.uaptc.edu/report-a-concern-complaint

UA-PTC Attendance Policy

Education at UA-PTC requires students’ active involvement in the learning process. Thus, students are expected to attend all classes and actively engage in all learning
assignments and/or opportunities provided in their classes. Class attendance should be treated as mandatory by all students as attendance will be taken by all instructors during the first two weeks of class

**Departmental Attendance Policy**

Attendance is important to learning science. Any student who misses 25% or more of class meetings will receive an F for the course, no matter how many points they may have earned. Any student who misses 4 or more labs in a lab course will receive an F, even if they attend lecture or pass their assignments.

**Course Attendance Policy**

Students must register with McGraw-Hill Connect within the first week of the semester. Failing to register and complete the SmartBook Test by Midnight Jan. 20, 2019 will drop you from the course and no credit will be received for the class, Financial Aid will be notified.

*Teachers have the right to count students as absent if they arrive late to class, leave class early, or go in and out of the classroom during class time. Teachers have the right to lower a student’s grade based on excessive absences.*

*Attendance will occur somewhere at the 15 minute mark. Once attendance has been taken, late arrivals will be counted absent. Leaving either lecture or lab before being dismissed also counts as an absence. **Attendance will be taken using the Acadly App.***

**Course Policies**

The UA-PTC Catalog rules and regulations will be enforced in this course at all times. Please consult the following website for more information: [https://www.uaptc.edu/catalog](https://www.uaptc.edu/catalog)

Professional behavior is required. Punctual attendance and intelligent participation are expected. Appropriate behavior is expected for all communications, including any notes, email messages, or telephone conversations. *Provide your name, course, and section in all communications.*

*No cell phones should be used during class, place them on vibrate. If a cell phone rings during class, you will be reminded of the policy. Upon the second offense you will leave class and sacrifice any points available that day, even if that is a test day. This also includes text messaging, if you text in class you will be asked to stop, continuing will cause you to leave for that class period. Speaking on the phone in the classroom is also unacceptable and will be dealt with immediately.*
*Continued issues with cell phones will be dealt with by the Dean of Students.

**Talking**

Please refrain from conversation, but relevant questions are encouraged.

**Attention**

Stay awake. If you are tired, go home and get some rest, then obtain notes from someone in class. Taking notes and participating in class helps students remain attentive.

**Food and Drink**

Do not become a distraction. Otherwise enjoy. If you make a mess, clean it up, the classrooms are common areas. *(DO NOT BRING FOOD or DRINK TO LAB!)*

**Dispute Resolution**

If you have a problem please come talk to me first so that we can discuss the issue. I cannot address something that you have a problem with if I do not even know about the problem. It is very immature and unprofessional to go around the instructor without first attempting a resolution. Typically students that are performing poorly complain the most, the college administration is aware of such behavior, therefore be sure your complaints are valid. Also waiting until the last day of class to discuss difficulties is not advised, nothing can be done at that point to change anything.

Because students pay tuition they instantly assume ownership over their experiences in the classroom. Student tuition is but a small portion of the required finances of the college, therefore students are not the employers of the faculty. Thus as a student you have no say in the operation of the class or the curriculum.

**Quizzes**

I reserve the right to quiz. I also reserve the right to use unannounced quizzes.

**Missed Exams**

You cannot miss exams. If I deem an excuse is worthy, I may provide the FINAL test grade as a replacement for the missed test. This also includes malfunctions due to student side computer issues.

**Visitors**

Because of the content of the class and for safety, no guests or visitors are allowed—this includes children, family, and friends.
Blackboard

This class will utilize the Blackboard portal. You need to get training if you do not already know the system, lacking computer skills does not excuse late work.

Socratic Method

It cannot be stressed enough, the book is an important tool in learning the material, it contains the information you should know. Lectures are designed to discuss further examples, and to clear up questions and misconceptions, and not to teach the entire book. Please read the section before class and study the Blackboard course shell, so that you may ask questions.

From time to time I deviate from the topic. These ‘side bars’ contain information that may help you understand the core facts of the text. I also keep up with the latest in science news, and I will correlate this with the class curriculum.

All class sessions will utilize the allotted time fully, do not expect to leave class early. Speak with me if you have another obligation--childcare and work are not a consideration.

Note-taking

Highlighting your text book is a poor study skill, by writing notes you will increase the likelihood of remembering the content of lectures, including those important sidebars I add.

Dress Code and Appearance

Students should dress in an appropriate manner for an adult learning institution. During labs pants and closed toe shoes are required for safety.

Punctuality

Students should arrive on-time to the scheduled class or rescheduled class.

I am an Adjunct Instructor, therefore there are times I may be late or even absent from class. Most of the time I will attempt to let the class know ahead of time, but this does not absolve you from the time required by accreditation. There is a unwritten rule about an instructor grace period of 10 to 15 minutes. This is not the case in my classes. You are to remain to study and/or work with others the entire length of the class. I may take attendance through a third party (another student or instructor) or show the last few minutes myself to take attendance.

Expectations

Science is a fundamental class for your education. It is a difficult class, and will require a great amount of studying. The tests and their questions use higher order, critical
thinking skills. They are more difficult than the typical type of multiple choice question. The exams are created based on something called Bloom’s Taxonomy—which is the education and psychological study of how information is learned and used.

**Teaching Philosophy**

The responsibility of a teacher is to supply a learning environment that is fair and equitable to all learning styles, while providing a rigorous and relevant curriculum. The role of the successful student is to attend class, pay attention, study hard, and ask questions.

**Suggestions for Success**

1. Attend all class sessions.
2. Schedule and plan your work, social, and leisure life around the course.
3. Increase focus on studies and academic performance.
4. Complete all work and assignments including extra credit work.
5. Complete assignments on time, professionally, following the instructions.
6. Set both short term and long-term goals for studying. Prepare for the class by studying ahead and study even more for exams.
7. Utilize the course shell often and communicate with the instructor—ask questions in class and through e-mail.
8. Set your goal on becoming a college graduate. Be ambitious, do not settle for the average grade.
9. Accept the responsibility of learning is more on the learner than the instructor.
10. Have a positive attitude.

**Intellectual Property**

All lectures, handouts, tests, test answers, and diagrams are covered by the US Copyright Act-Title 17 as Intellectual property. The lecture is an unpublished derivative work based on the class text and the instructor’s knowledge. The instructor holds in reserve the rights to non-derived works, and yields rights for derived works to the original Copyright owner. Students are directed that limited use of the class lecture be considered Fair Use (Title 17, Section 107), so long as the correct notation is given for the date, time, location, class, and name of the instructor. Any reproduction of tests, test answers, diagrams, or handouts is forbidden-without written permission from the instructor and/or the text book publisher. The Instructor holds and reserves any rights to the Intellectual Property granted by the US Copyright Act-Title 17, even if those rights are not mentioned above. Failure to enforce copyright infringement, in part or whole, does not constitute a waiver of those rights.

[What does this mean in a nutshell…? All the work is mine and the publisher’s, you cannot give it to someone else to study, ESPECIALLY TESTS!]
Lab Policies

**NO FOOD OR DRINKS IN THE LABORATORY AT ANY TIME!!!!**

(Formaldehyde, is a carcinogen!) This is for your protection.

A. No food, gum, or drinks are allowed in the lab.
B. Students are not to work on any assignments or other material other than the day’s lab topic.
C. There will be no lab make-up as considerable preparation time is required by the instructor and cannot be redone.
D. During each lab period you will be required to make notes of what is covered, record results, describe materials used, and note any conclusions or principles demonstrated.
E. No children of visitors are allowed in the lab at any time for any reason!
F. Be present
G. Please be prompt
H. Stay the entire duration-IF you leave early (before I have dismissed) I will mark you absent.
I. Turn in all written work on time.
J. Your lab grade is based on LAB exams, Lab reports, and class participation

I attempt to schedule the labs to run concurrent with the lecture material. On occasion, I will use lab time as lecture time depending upon necessity.

The lab is aimed at providing the student time for self-learning and discovery. The Instructor is only a facilitator. I may not always be present during the whole lab. If I do leave I will return, and if you have questions hold them until I do so. Much of the lab will be student guided practice. [That means most of the time I will just stand around watching just to be sure you do not make a mistake and/or to answer questions.]

**UA-PTC Board Email Policy**

Pulaski Technical College provides each currently enrolled student an electronic mailbox (email). This electronic mailbox is used as an official means for communication between Pulaski Technical College and the enrolled student. Each currently enrolled student will monitor and read messages sent to the mailbox address in a timely fashion. Use of this electronic mailbox is governed by the Pulaski Technical College Code of Computing Practice. Appropriate behavior is expected for all communications, including any notes, email messages, or telephone conversations.
Inclement Weather

Due to poor weather conditions the college may close unexpectedly. You should sign-up for the emergency text message alert system through Rave Wireless, the link to activate this service can be found on the campus portal.

New Student Philosophy Statement

Pulaski Technical College is committed to the academic, personal, and professional development of its students. The quality of the new student experience is critical to the achievement of the college’s mission and lays the foundation upon which future educational successes will be built. This commitment obligates the PTC community to cooperatively and intentionally structure programs, activities, and services to promote the success of new students.

College Assistance Programs

Students that are having difficulty in class, life, or other may need special assistance. The college provides many services for students that are having problems. Career Pathways, Network for Student Success, Learning Support Services (Tutoring), TRIOS, and Veteran’s Upward bound.

Grading Policy

Letter grades will be based on the following scale:

- 90 to 100%  A
- 80 to 89%   B
- 70 to 79%   C
- 60 to 69%   D
- 0 to 59%    F

*Instructors have one week to provide feedback and post grades for all assignments unless otherwise noted by a departmental policy that has been approved by the Dean of the School.

Test format: Mixed, with multiple choice, essay, short answer, identification, matching and diagram labeling being used as needed. There will be 100 or more questions per test. The final will be 100 multiple-choice questions. The final is mandatory and counts as a normal test grade, and it is based on the previous exams. Usually we will go over the exams the very next class period, but lab exams will take more time to grade.
Homework: Reading, Studying, Quizzes, and Lab Reports

Point Distribution:

Lecture (4 exams, plus a comprehensive final) 600pts
Laboratory (2 exams) 200pts
Lab Reports (Pre-Labs) 200pts
Literacy Paper 100pts
Microscope Skills Assessment 100pts
Connect (Learning Smart) 100pts (15 chapters)
Quizzes 50pts (2 per chapter)
Class Discussion Participation 50pts (5 at 10 pts)
Participation on the Blackboard Shell 50pts (50 hours required)
Attendance (10 points per absence) 50pts

TOTAL 1500pts

Extra Credit Assignments 100pts

*See Assignment Page Checklist….

In an online class, eligibility for Financial Aid is based on student participation. Logging into the course does not constitute participation. For purposes of roster certification, students must complete a gradable attendance artifact.

Assignments

Headings required: Name, Date, Class, and Assignment.

*Most assignments: lab reports, quizzes, and lecture exams are due on Sundays at Midnight. Late assignments are accepted with a penalty of 10% per day, except exams. Connect Learning Smart assessments are due the Saturday before exams.

***Save ALL files in the following way:

Last Name First Name Class Section Assignment Date

For Example:

Smith John Biol1401 Sec05 Lab1 Spring 2019 in Doc or DocX
Lab Reports

Lab reports must be in the following format, they will be turned in only through the Blackboard portal.

Title of Experiment Lab Number
Name
Course Name and Number (all in upper Left hand corner)
Professor
Date

Introduction
Describe what topics will be covered, and how they correlate to the class lecture curriculum.

Pre Lab: Remember to read the lab before the date of the lab…

Activities:
Introductory paragraph--Briefly introduce each activity.

Methodology/procedure:
Briefly review the methodology you are using in the lab for each activity.

Materials:
What items of lab equipment are being used?

Results/Data:
Report your individual and group results.

Conclusions/analysis/discussion
Discuss the reasons this lab was performed. What did you learn that associates with the lecture curriculum? Did the date support the hypothesis? (Many labs will not have a hypothesis though.)

Reference List: DO NOT PLAGIARISE, ensure that all ideas are placed in your own words. Cite anything using APA format that is not your own thoughts. You do not have to cite the textbook or lab book.

*The write-up should be a minimum of at least one-typed page, size 12 font.

Extra Credit Point Assignments:

1. Receive CPR and AED training if you do not already have such expertise. For those entering into the medical field obtain the Health Medical professionals training so you will not have to do it again in the future. 2. Donate Blood. 3. Donate Platelets. 4. Bone Marrow Registration.

Academic Integrity

It is expected that all students who attend UA-PTC conduct themselves in a manner appropriate for the college experience. Academic integrity is a vital component of collegiate behavior. The UA-PTC catalog states, “The gaining of knowledge and the practice of honesty go hand-in-hand.”
The catalog also states, “The responsibility and authority of initiating discipline arising from violations of the rules against dishonesty during the process of the course are vested in the instructor of that course.”

The complete Academic Integrity Policy is in the UA-PTC code of conduct.

ALL DIGITAL EQUIPMENT DURING TESTING AND QUIZZES ARE FORBIDDEN; ENFORCED BY COMPLETE FAILURE OF THE EXAM.

This has become a problem with the prolific use of text messages and photographs. Due to the clever nature of cheaters no hats, drinks, or anything else is allowed out during exams; purses and backpacks need to be placed on the floor.

*You are cautioned that the burden of proof is on the student, therefore when in doubt you are cheating.

*Student lab reports, essays, and research papers must be original work product, and fall under the guidelines of the APA Format including regard to authorship and plagiarism.

Accommodation Policy

Services for Students with Disabilities: UA-PTC is committed to fulfilling all federal requirements as stated in the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, and the American with Disabilities Amendments Act (ADAAA) of 2008. Accommodations are available to students who have documented disabilities. Students who request accommodations must register with the Disability Services Office (Main Campus: 501-812-2738 or South Campus: 501-812-2862) and must provide current and relevant documentation.

Students requesting accommodations should inform the instructor at the beginning of the course or as soon as accommodations are approved. It is the student’s responsibility to provide their Accommodation Letter to the instructor. Accommodations are not retroactive and will only be provided once your instructor receives the Accommodation Letter.

Student Code of Conduct

All students are expected to abide by the UA-PTC Student Code of Conduct. For the full Student Code of Conduct, access the most current version of the UA-PTC Academic Catalog. http://uaptc.azurewebsites.net/docs/default-source/course-catalog/2017-18-academic-catalog.pdf?sfvrsn=a08a3038_2

*Misbehavior and discipline problems will be dealt with by due process leading up to possible administrative withdrawal. Disrespect, even if it passive will not be tolerated.
Sexual Misconduct

No person at Pulaski Technical College will, on the basis of gender, be excluded from participation in, be denied benefits of, or be subjected to sex discrimination, sexual harassment or sexual misconduct under any education program or activity. All college administrative policies and procedures regarding sex discrimination, sexual harassment, and sexual misconduct are in compliance with Title IX. Students who feel they are victims of sexual misconduct should contact the UA-PTC Title IX Deputy Coordinator for Students:

Michelle Anderson, Director of Student Life and Leadership
Campus Center Building Room 216
501-812-2756
manderson@uaptc.edu

Course Evaluations

Students may be asked to evaluate their instructor and course near the end of the semester. These student evaluations are very important to the improvement in the quality of instruction and course materials. All results are anonymous and shared with the faculty only after the semester is over and grades have been posted.

Information Literacy

UA-PTC is committed to the Information Literacy Competency Standards for Higher Education as established by the Association of College and Research Libraries and endorsed by the National Forum on Information Literacy. Therefore, all courses will incorporate an information literacy component so that, by graduation, all students will be able to recognize the need for information, then locate, evaluate, synthesize, and communicate information in an ethical manner. Information literacy encompasses critical thinking, research, media, technology, health, business, and visual literacy skills to produce lifelong learners who can make informed decisions in the workplace and in their personal lives.

Choose one of the endangered species listed below and answer the following questions about it.

1. Fully describe the animal complete with taxonomic hierarchy and scientific name.
2. Tell me where it can be found, its diet and reproduction, and a little about its natural history.
3. Why is it on the endangered species list?
4. How has human activity influenced the decline of this species?
5. Have any interventions or practices been introduced to prolong the survival of this species? What are they?
6. What is the species’ prognosis for long term survival?

**Use one of these species:**

- African Elephant
- Right Whale
- Aye-Aye
- Mountain Gorilla
- Asiatic Cheetah
- Florida Cougar
- Snow Leopard
- Giant Panda
- Western Giant Eland
- Black Rhinoceros
- Ivory-Billed Woodpecker
- White-Winged Duck
- California Condor
- Alabama Sturgeon
- Chinese Paddlefish

*Additional species or topic may be used upon approval of the instructor.*

The report should be in your own words, using at minimum of five sources with at least two online. Do NOT use any exact quotes from your sources. You must put the information in your own words to get credit. Look up any words or concepts you do not understand, or discuss with me. Wikipedia may be used for general information but cannot be used as one of your internet sources. Include references, showing all the sources used, and the URL for the websites. Use APA standard format. Include a photograph of the animal, and a map showing its original home range and its current distribution, as appendix pages.

Submit your paper through “Safe Assign” in Blackboard, which detects plagiarism. Understand that plagiarism is the unacknowledged use of someone else’s sentences.

The cover page must include: Title, Your Name, Class Name, Number, and Section, Your Instructor’s Name, Date.

Font size must be Times New Roman or Arial 12, and margins are 1 inch. The total paper should be between 5 (body) and 10 pages long (total), including abstract, photo, map, cover sheet, references, and text. Five legitimate references (no Wikis, Encyclopedias, etc.). References should be .ORG or .EDU and be current within the last decade.
<table>
<thead>
<tr>
<th>Week</th>
<th>Chapter</th>
<th>Online Assignment</th>
<th>Lab Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction</td>
<td></td>
<td>Introduction and Syllabus</td>
</tr>
<tr>
<td>2</td>
<td>Ch 1 Science</td>
<td>LS 1, Intro Discussion 1</td>
<td>Lab #1: The Microscope</td>
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<tr>
<td>3</td>
<td>Ch 2 Chemistry</td>
<td>LS 2, Lab Report 1</td>
<td>Lab #2: The Chemical Composition of Cells</td>
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<tr>
<td>4</td>
<td>Ch 3 Cells</td>
<td>LS 3, Lab Report 2</td>
<td>Lab #3: Bacteria</td>
</tr>
<tr>
<td>5</td>
<td>Ch 4: Energy</td>
<td>LS 4, Lab Report 3</td>
<td>Lab #4: Osmosis</td>
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<tr>
<td>5</td>
<td>Lecture Exam 1</td>
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<td>Chapters 1-4; Labs 1-4</td>
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<tr>
<td>6</td>
<td>Ch 5: Photosynthesis</td>
<td>LS 5, Lab Report 4</td>
<td>Lab #5: Photosynthesis and Cellular Respiration</td>
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<tr>
<td>7</td>
<td>Ch 6: Cellular Respiration</td>
<td>LS 6, Lab Report 5</td>
<td>Lab #6: DNA Biology &amp; Technology</td>
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<tr>
<td>8</td>
<td>Ch 7: DNA</td>
<td>LS 7, Lab Report 6</td>
<td>Lab MT/Microscope Assessment/Quiz (Lab Exam I)</td>
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<tr>
<td>9</td>
<td>Ch 8: Mitosis</td>
<td>LS 8, Discussion 3</td>
<td>Lab #7: Cell cycle and Mitosis</td>
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<td>Lecture Exam 2</td>
<td></td>
<td>Chapters 5-7; Labs 5-7</td>
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<td>10</td>
<td>Ch 9: Meiosis</td>
<td>LS 9, Lab Report 7</td>
<td>Lab #8: Sexual Reproduction</td>
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<tr>
<td>12</td>
<td>Ch 10: Patterns of Inheritance</td>
<td>LS 10, Lab Report 8</td>
<td>Lab #9: Patterns of inheritance and Human Genetics</td>
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<tr>
<td>12</td>
<td>Literacy Project</td>
<td>Due by Midnight</td>
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<tr>
<td>13</td>
<td>Ch 11: DNA technology</td>
<td>LS 11, Lab Report 9</td>
<td>Lab#10: Evidences of Evolution/Bacteria and Protists</td>
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<td>14</td>
<td>Ch 12: Evolutionary Forces</td>
<td>LS 12, Lab Report 10</td>
<td>Lab#11: Animal Evolution</td>
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<td>Lecture Exam 3</td>
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<td>Chapters 8-10; Labs 6-10</td>
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<td>15</td>
<td>Ch 13: Evidence for Evolution</td>
<td>LS 13, Lab Report 11</td>
<td>Lab #12: Plant Evolution</td>
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<tr>
<td>16</td>
<td>Ch 14: Speciation &amp; Extinction Review</td>
<td>LS 14, Lab Report 12</td>
<td>Lab Final (Lab Exam 2)</td>
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<td>Lecture Exam 4</td>
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<td>Chapters 11-14; Labs 10-12</td>
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<tr>
<td>18</td>
<td>Online Final</td>
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Disclaimer: This schedule is a guide for the semester. The instructor reserves the right to amend the schedule as necessary.
# Assignment Sheet

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<tr>
<th>Wk#</th>
<th>Assignment</th>
<th>Grade</th>
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<td>2/10/2019</td>
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<td>Lecture Exam 4</td>
<td>Grade: ______/100</td>
<td>5/05/2019</td>
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<td>18</td>
<td>Lecture Final</td>
<td>Grade: ______/200</td>
<td>5/10/2019</td>
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<td>Lab Exam 1</td>
<td>Grade: ______/100</td>
<td>3/02/2019</td>
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<td>Lab Exam 2</td>
<td>Grade: ______/100</td>
<td>4/27/2019</td>
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<td>16</td>
<td>Lab Reports (Pre-Labs, Reports)</td>
<td>Grade: ______/200</td>
<td>2/02/2018</td>
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<td>Microscope Assessment</td>
<td>Grade: ______/100</td>
<td>3/02/2019</td>
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<td>Connect</td>
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<td></td>
<td>Quizzes (e-mail and print results)</td>
<td>Grade: ______/50</td>
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<td>Discussion Participation (5x)</td>
<td>Grade: ______/50</td>
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<td></td>
<td>Participation 50 hours (online)</td>
<td>Grade: ______/50</td>
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<td></td>
<td>Attendance (10 points per absence)</td>
<td>Grade: ______/50</td>
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<td>Total</td>
<td>_____/1500</td>
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## Bonus Assignments

- CPR Bonus (BB and print) Grade: ______/20
- Blood Donation Bonus (BB and print) Grade: _____/20
- Bone Marrow Registration (BB and print) Grade: _____/20
- Platelet Donation (BB and print) Grade: _____/40
Course Agreement Form

Read, complete, and return to instructor:

I have read the course syllabus for TL Pennington Biology 1401, 1402, 1403 class at Pulaski Technical College, and I understand its content. I also understand the rules for the class, and I will follow and abide by these rules, including those relating to attendance, assignments, grading criteria, plagiarism, and behavior.

________________________________________
Semester

________________________________________
Date

________________________________________
Print name

________________________________________
Signature

________________________________________
UA-PTC Email address

________________________________________
Telephone
This syllabus is the ideal plan for the course, although the instructor retains the right to add, withdraw, modify, and change the content/requirements at any time. Students will be notified via e-mail of such changes.

Lab Agreement Form

Please read, complete, and return to instructor:

I, ________________________________, have read the course syllabus and understand and am willing to follow the following requirements and policies:

- Online Component
- Resource requirements.
- Grading system
- Attendance policy.
- Accommodation policy.
- Classroom policies
- Lab policies and safety guidelines

__________________ Initial HERE!

Student signature: _____________________________________________ (Sign)

Date: ______________________________________________________________________

Instructor Resource: Please answer the following questions for demographic purposes. All answers and information will be protected under FERPA and the Federal Privacy Act.

HS Diploma or GED? _________(which one)

Age: ____ Career goal: ________________________________ (major)

Employment __________________________________________________________

Gender: ____ ACT Score: ____ HS GPA: ____ Current GPA: ____

Nationality: ____ What do you read? (Fiction, non-fiction, science fiction)___________

Number of years in College? ____ What type of music do you like? ________________

Did you parents complete college? ____ Do you have children? ____ Married? ____