

TEXTS, READINGS, INSTRUCTIONAL RESOURCES:

Required Texts:

- Participants will utilize SMART Notebook presentations within the online course, and may also download SMART Notebook presentations, homework files, labs, and teacher resources for review from the PSI Biology Courses

COURSE REQUIREMENTS:

In order to receive a Passing grade, the participant must complete the following course requirements:

1. **Activities:** A number of different learning activities will ensure participant engagement and learning in the course. These include:
 - Engage in video module lessons which demonstrate minimized direct instruction followed by frequent formative assessment.
 - Completion of formative assessments aligned to learning objectives which include detailed analysis when answered incorrectly.
 - Interaction with module discussion boards that allow conversation with peers and course instructors about the module's content, delivering that content to students. Discussion boards also serve as a place to ask and answer questions related to the module's content.
2. **Mastery Exercises:** For each module, these multiple-choice question quizzes assess the content knowledge gained in a module. Participants have the opportunity to retake; random questions are pulled from a larger question bank on each attempt ensuring varied questions.
3. **Module Exam:** One is completed at the end of each module. It is a culminating exam consisting of praxis-like multiple-choice questions aligned to the exam objectives.
4. **Reflection Paper:** At the end of the course, participants are required to reflect on the knowledge taught in the course, make connections, and compare/contrast their current pedagogy with new strategies gained in this assignment.
5. **Final Exam:** At the end of the course, a comprehensive exam consisting of multiple choice questions assesses the content knowledge learned throughout the course in preparation for the praxis exam. In this module, there is also an ungraded practice final exam.

GRADE DISTRIBUTION AND SCALE:

Grade Distribution:

Module Exams	70%
Final Exam	15%
Mastery Exercises	11%
Reflection Paper	4%

Grade Scale:

A	93 – 100
A-	90 – 92
B+	86 – 89
B	83 – 86
B-	80 – 82

C+	77 – 79
C	73 – 76
C-	70 – 72
D	60.0 – 69.9
F	59.9 or below

ACADEMIC STANDING:

NJCTL has established standards for academic good standing within a student’s academic program. Students enrolled in any NJCTL online course must receive an 80 or higher to successfully complete a course and receive credit for that course. An 80 is equivalent to a GPA of 2.7 or B-. Additionally, students in an endorsement program must receive a cumulative GPA of 3.0 for all courses combined in order to successfully complete the program.

ACADEMIC INTEGRITY:

Students must assume responsibility for maintaining honesty in all work submitted for credit and in any other work designated by the instructor of the course. Academic dishonesty includes cheating, fabrication, facilitating academic dishonesty, plagiarism, reusing /repurposing your own work, unauthorized possession of academic materials, and unauthorized collaboration.

CITING SOURCES WITH APA STYLE:

All students are expected to follow proper writing and APA requirements when citing in APA (based on the APA Style Manual, 6th edition) for all assignments.

DISABILITY SERVICES STATEMENT:

We are committed to providing reasonable accommodations for all persons with disabilities. Any student with a documented disability requesting academic accommodations should contact the Dean of Students, Melissa Axelsson, for additional information to coordinate reasonable accommodations for students with documented disabilities (melissa@njctl.org).

NETIQUETTE:

Respect the diversity of opinions among the instructor and classmates and engage with them in a courteous, respectful, and professional manner. All posts and classroom communication must be conducted in accordance with the student code of conduct. Think before you push the Send button. Did you say just what you meant? How will the person on the other end read the words?

Maintain an environment free of harassment, stalking, threats, abuse, insults or humiliation toward the instructor and classmates. This includes, but is not limited to, demeaning written or oral comments of an ethnic, religious, age, disability, sexist (or sexual orientation), or racist nature; and the unwanted sexual advances or intimidations by email, or on discussion boards and other postings within or connected to the online classroom.

If you have concerns about something that has been said, please let your instructor know.

CLASS SCHEDULE:

Module	Required Readings	Assignments
1 – Nature of Science: Scientific Inquiry, Methodology, Techniques & History	<ul style="list-style-type: none">• Module lessons	<ul style="list-style-type: none">• Mastery Exercise• Module Exam
2 – Molecular & Cellular Biology	<ul style="list-style-type: none">• Module lessons.	<ul style="list-style-type: none">• Mastery Exercise• Module Exam
3 – Genetics & Evolution	<ul style="list-style-type: none">• Module lessons.	<ul style="list-style-type: none">• Mastery Exercise• Module Exam
4 – Diversity of Life & Organismal Biology	<ul style="list-style-type: none">• Module lessons.	<ul style="list-style-type: none">• Mastery Exercise• Module Exam
5 – Ecology: Organisms & Environments	<ul style="list-style-type: none">• Module lessons.	<ul style="list-style-type: none">• Mastery Exercise• Module Exam
6 – Science, Technology & Social Perspectives	<ul style="list-style-type: none">• Module lessons.	<ul style="list-style-type: none">• Mastery Exercise• Module Exam
7 - Reflection	<ul style="list-style-type: none">• Review module lessons as desired.	<ul style="list-style-type: none">• Reflection Paper• Module Exam