

# Course Syllabus

[Jump to Today](#)

 [Edit](#)

If you want to print out the syllabus you will need to select control P on your computer.

## CONTACT INFORMATION

**Instructor:** Dr. Leesa Sward

**Office hours:** M-F Virtual (by email) 8:30-9:30am

**Email:** [lsward@valenciacollege.edu](mailto:lsward@valenciacollege.edu)

## COURSE INFORMATION

**CRN:** 12690

**Credits:** 3

**Prerequisites:** None

**Course delivery:** This is an online course. This means that the contents and materials needed to achieve the learning outcomes will be located online through Canvas.

There will not be any required meetings on campus and we will not have set chat or discussion times each week. You will have access to the course 24/7 and may participate at the times most convenient for you. But this is not a self-paced course; There are specific due dates for each assignment, assessment, discussion board etc.

**Required book:** (with online resource) Biology: Concepts and Applications, 10th edition with Mind Tap access code, Cecie Starr, Christine Evers and Lisa Starr. Cengage Learning 2015.

Make sure to purchase the bundle (printed texted with Mind Tap access code)

**Or**

the MindTap access code that will include a digital textbook: we will be doing most of our online work through Mind Tap.

You must login to our course page in Canvas to register with Mind Tap; do not do it directly through the publisher webpage.

Once you have your access code:

1. Turn off your pop up blocker.
2. Open the first Learning Module (**Invitation to Biology**)
3. Click on **Chapter 1: The Science of Biology** to begin to access Mind Tap using your registration code.

If you do not have the code yet, there is free access for approximately the first two weeks of class; you can use it until you procure a code.

If you are having trouble with MindTap, check your pop-up blocker. **It must be turned off to access the page.** If that does not solve the issue, use the MindTap Support in our Welcome to Class Module.

**Withdrawal deadline:** Friday, November 1, 2019

Per Valencia Policy 4-07, a student who withdraws from class before the established deadline for a particular term will receive a grade of W. A student is not permitted to withdraw after the withdrawal deadline. Before choosing to withdraw, please contact me so we can discuss your progress in the course. It is also recommended that you speak with an Academic Advisor to discuss the impact of the W on academic progress, future fees, and financial aid.

## TECHNICAL REQUIREMENTS

To successfully complete this course, you will need access to a computer connected to the internet. Make sure you have installed the latest version of Firefox which is the preferred browser for Canvas. The Canvas website can be accessed by logging on to <https://online.valenciacollege.edu>. You will use your Atlas ID and password to access our course page. You are responsible for insuring that you receive all information relating to this course. If you have difficulty with Canvas, do the following:

1. Contact the online Student Resources <http://valenciacollege.edu/oit/ltad/studentResources/>
2. Contact Valencia Student Help at 407-582-5600 (available 24/7)
3. Use computers in the Library

## COURSE DESCRIPTION AND LEARNING OUTCOMES

**BIOLOGICAL SCIENCE** An introduction to essential principles of biological science. Topics include, but are not limited to, the nature of science and the scientific method, chemistry for biology, cell structure, metabolism, reproduction and genetics, organisms, evolution theory, and classification of organisms. This is a general education course for non-biology majors. It is also recommended for students who need preparation before enrolling in a biology course for science majors. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education Core Science requirement for graduation.

The following learning outcomes describe what students should be able to do with their new knowledge at the end of this course:

1. Students will identify and apply the use of scientific methods.
2. Students will effectively analyze, evaluate, synthesize and apply information and ideas from diverse sources and disciplines.
3. Students will be able to use processes, procedures, data, or evidence to solve problems and make effective decisions.
4. Students will be able to identify levels of organization within and between organisms.
5. Students will be able to explain how living organisms function.
6. Students will be able to identify and apply basic components of the theory of evolution to species development.
7. Identify and explain genetic mechanisms and types of reproduction.

## GENERAL INFORMATION

**EXPECTED STUDENT CONDUCT:** Valencia Community College is dedicated not only to the advancement of knowledge and learning but is concerned with the development of responsible personal and social conduct. By enrolling at Valencia Community College, a student assumes the responsibility for becoming familiar with and abiding by the general rules of conduct. The primary responsibility for managing the online learning environment rests with the faculty. Violation of any netiquette rules may lead to disciplinary action up to and including expulsion from Valencia. Disciplinary action could include

being withdrawn from class, disciplinary warning, probation, suspension, expulsion, or other appropriate and authorized actions. You will find the Student Code of Conduct in the current Valencia Student Handbook.

In order to maintain a positive online environment for our class, we all need to follow the netiquette guidelines summarized below. Violation of any of those items is grounds for removal from the class.

- Show respect for the instructor and for other students in the class
- Respect the privacy of other students
- Express differences of opinion in a polite and rational way
- Maintain an environment of constructive criticism when commenting on the work of other students
- Avoid bringing up irrelevant topics when involved in group discussions or other collaborative activities
- Refrain from using inappropriate, offensive, harassing or threatening language

If I feel that a student is violating any of the above guidelines, I will contact that student to discuss the situation. If you feel that a student is behaving inappropriately, please send me a private email message explaining the situation as soon as possible.

**ACADEMIC HONESTY:** Each student is expected to be in compliance with the college catalog and student handbook.

Students are expected to do their own work. Any student who cheats on any assignment will receive a zero and may be subject to withdrawal from the class.

**COMPETENCIES:** Valencia faculty defined four interrelated competencies that prepare students to succeed in the world community. Think: Think clearly, critically and creatively, analyze, synthesize, evaluate concepts and draw well-supported conclusions. Value: Articulate a considered and self-determined set of values. Communicate: Employ methods of communication appropriate to your audience and purpose. Act: Act purposefully, effectively, and responsibly. This course will further develop your mastery of these core competencies through class discussions, assignments and activities.

## SPECIAL NEEDS:

1. Students with disabilities who qualify for academic accommodations must provide a letter from the office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably during the first two weeks of class. The OSD determines accommodations based on appropriate documentation of disabilities (Winter Park Campus, room 203, 407-582-6887).
2. Valencia College is interested in making sure all our students have a rewarding and successful college experience. To that purpose, Valencia students can get immediate help with issues dealing with stress, anxiety, depression, adjustment difficulties, substance abuse, time management as well as relationship problems dealing with school, home or work. BayCare Behavioral Health Student Assistance Program (SAP) services are free to all Valencia students and available 24 hours a day by calling (800) 878-5470.

## COURSE POLICIES AND DETAILS

**Attendance Policy:** Students are expected to login to our class page on Canvas weekly. Missed assignments cannot be made up. Violation of attendance policy may result in withdrawal from the class.

**Grading scale:** The final grade will be determined as a percentage of total possible points earned. Letter grades will be assigned according to the following scale:

A=90-100%      B=80-89%      C=70-79%      D=60-69%      F= <60%

**Rounding policy:** a final grade of X9.5 or above will be rounded up. No rounding of grades below X9.5. No Exceptions.

**Examples:** 79.55% is rounded to 80% (B). 79.45% stays (C)

## Grade composition:

(These values are approximate and are subject to change)

- Discussions: 30%
- Chapter 1 Objective Quick Check and all other covered Chapters Conceptual Learning Assignments in Mind Tap: 20%
- Chapter Tests in Mind Tap: 30%
- Final Exam (Comprehensive): 20%

## Grading policy:

1. All readings, tests and assignments must be completed by the deadlines stated in the syllabus unless otherwise noted. No make-ups possible.
2. All information from textbook readings, online assignments, and class discussions may appear on the final exam.
3. It is the student's responsibility to be informed of final exam and all assignment due dates.

## Discussion Requirements and Instructions:

The **Discussions** are not simply statements of opinion. They are intended to allow you to expand on and apply the principles discussed in your textbook and in the online classroom. There are **two parts** to the discussion:

**Part 1:** Post a well-written paragraph known as the "initial post" (**300 words minimum with in-text citation**) that demonstrates your understanding of the question. This needs to be done by the date posted in the syllabus for each discussion board. Each "initial post" is worth 20 points.

**Part 2:** Post 2 responses to your classmates' initial posts. These are known as the "replies" and should be: 1. Posted by the date listed in the syllabus for each discussion board, 2. At least **100 words** each with in-text citation, 3. Substantial in nature. Your responses should not be statement of opinions or agreement/disagreement with the initial post. They should address the topic at hand and discuss/criticize the initial poster statements. 4. Greet your classmates by their names when posting replies to them. The two response posts are worth a total of 10 points.

Both Part 1 and Part 2 should include a reliable **source with a proper citation**. **This means the citations are inserted as (author,page number) within the text. For example (Starr,242) following a particular statement that you would like to support. Please do not use Wikipedia (or similar sites) as a source.**

Each post must be in your own words. Do not copy and paste from the Internet. You may use quotes from a source, but those quotes will not count towards your word count requirement. **Please do not plagiarize.** If you use a quote, you must put quotation marks around it AND you must use an in-text citation of the source following the quote. It is not simply enough to put a source at the end of your post. Check back during the week for responses to your submission so that you can add a rebuttal.













## Posting a discussion















You will not be able to see your classmates' responses until you post your own. I will only grade your first post. No revisions allowed after posting. To post an answer (initial post), click on the discussion title to enter the page. Then click on "Reply" on the bottom of the page, enter your answer and click on "Post Reply" to submit. Once you have posted your answer, re-visit this page to respond to at least 2 of your classmates.

**Final Exam:** The final exam is a comprehensive test that covers all the material assigned in the class i.e. readings, tests, discussion topics, activities, written assignments etc.

The final exam will be taken on Canvas. Students not taking the final exam will receive a grade of 0. The 0 will be averaged in as part of the final grade.











# Course Summary:
















Date	Details	
Thu Aug 29, 2019	 <a href="https://online.valenciacollege.edu/calendar?event_id=126345&amp;include_contexts=course_60248">discussions 1 initial post due tonight 11:59 pm</a> ( <a href="https://online.valenciacollege.edu/calendar?event_id=126345&amp;include_contexts=course_60248">https://online.valenciacollege.edu/calendar?event_id=126345&amp;include_contexts=course_60248</a> )	12am
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987456">Discussion #1- Introductions Final post: required to verify your attendance in this class</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987456">https://online.valenciacollege.edu/courses/60248/assignments/987456</a> )	due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987554">Chapter 1 Test</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987554">https://online.valenciacollege.edu/courses/60248/assignments/987554</a> )	due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987563">Section 1.1: Learning Objective Quick Check</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987563">https://online.valenciacollege.edu/courses/60248/assignments/987563</a> )	due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987564">Section 1.2: Learning Objective Quick Check</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987564">https://online.valenciacollege.edu/courses/60248/assignments/987564</a> )	due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987565">Section 1.3: Learning Objective Quick Check</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987565">https://online.valenciacollege.edu/courses/60248/assignments/987565</a> )	due by 11:59pm
Sun Sep 1, 2019	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987566">Section 1.4: Learning Objective Quick Check</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987566">https://online.valenciacollege.edu/courses/60248/assignments/987566</a> )	due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987567">Section 1.5: Learning Objective Quick Check</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987567">https://online.valenciacollege.edu/courses/60248/assignments/987567</a> )	due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987568">Section 1.6: Learning Objective Quick Check</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987568">https://online.valenciacollege.edu/courses/60248/assignments/987568</a> )	due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987569">Section 1.7: Learning Objective Quick Check</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987569">https://online.valenciacollege.edu/courses/60248/assignments/987569</a> )	due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987570">Section 1.8: Learning Objective Quick Check</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987570">https://online.valenciacollege.edu/courses/60248/assignments/987570</a> )	due by 11:59pm
Thu Sep 5, 2019	 <a href="https://online.valenciacollege.edu/calendar?event_id=126346&amp;include_contexts=course_60248">Discussion #2 initial post due tonight 11:59 pm</a> ( <a href="https://online.valenciacollege.edu/calendar?event_id=126346&amp;include_contexts=course_60248">https://online.valenciacollege.edu/calendar?event_id=126346&amp;include_contexts=course_60248</a> )	12am

 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987455">Discussion #2: The Scientific Method Final post</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987455">https://online.valenciacollege.edu/courses/60248/assignments/987455</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987497">2.1 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987497">https://online.valenciacollege.edu/courses/60248/assignments/987497</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987498">2.2 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987498">https://online.valenciacollege.edu/courses/60248/assignments/987498</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987499">2.3 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987499">https://online.valenciacollege.edu/courses/60248/assignments/987499</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987500">2.4 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987500">https://online.valenciacollege.edu/courses/60248/assignments/987500</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987502">2.5 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987502">https://online.valenciacollege.edu/courses/60248/assignments/987502</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987503">3.1 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987503">https://online.valenciacollege.edu/courses/60248/assignments/987503</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987504">3.2 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987504">https://online.valenciacollege.edu/courses/60248/assignments/987504</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987505">3.3 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987505">https://online.valenciacollege.edu/courses/60248/assignments/987505</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987506">3.4 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987506">https://online.valenciacollege.edu/courses/60248/assignments/987506</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987507">3.5 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987507">https://online.valenciacollege.edu/courses/60248/assignments/987507</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987508">3.6 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987508">https://online.valenciacollege.edu/courses/60248/assignments/987508</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987555">Chapter 2 Test</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987555">https://online.valenciacollege.edu/courses/60248/assignments/987555</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987556">Chapter 3 Test</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987556">https://online.valenciacollege.edu/courses/60248/assignments/987556</a> )	due by 11:59pm






















Sun Sep 8, 2019





















Sun Sep 15, 2019















 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987511">4.1 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987511">https://online.valenciacollege.edu/courses/60248/assignments/987511</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987509">4.10 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987509">https://online.valenciacollege.edu/courses/60248/assignments/987509</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987510">4.11 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987510">https://online.valenciacollege.edu/courses/60248/assignments/987510</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987512">4.2 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987512">https://online.valenciacollege.edu/courses/60248/assignments/987512</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987513">4.3 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987513">https://online.valenciacollege.edu/courses/60248/assignments/987513</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987514">4.5 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987514">https://online.valenciacollege.edu/courses/60248/assignments/987514</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987515">4.6 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987515">https://online.valenciacollege.edu/courses/60248/assignments/987515</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987516">4.8 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987516">https://online.valenciacollege.edu/courses/60248/assignments/987516</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987517">4.9 Digging Deeper: Conceptual Learning Activity</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987517">https://online.valenciacollege.edu/courses/60248/assignments/987517</a> )	due by 11:59pm
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987557">Chapter 4 Test</a> ( <a href="https://online.valenciacollege.edu/courses/60248/assignments/987557">https://online.valenciacollege.edu/courses/60248/assignments/987557</a> )	due by 11:59pm




















Date	Details
Sun Sep 22, 2019	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987518">5.1 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987518"> (https://online.valenciacollege.edu/courses/60248/assignments/987518)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987519">5.2 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987519"> (https://online.valenciacollege.edu/courses/60248/assignments/987519)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987520">5.3 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987520"> (https://online.valenciacollege.edu/courses/60248/assignments/987520)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987521">5.4 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987521"> (https://online.valenciacollege.edu/courses/60248/assignments/987521)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987522">5.5 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987522"> (https://online.valenciacollege.edu/courses/60248/assignments/987522)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987523">5.6 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987523"> (https://online.valenciacollege.edu/courses/60248/assignments/987523)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987524">5.8 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987524"> (https://online.valenciacollege.edu/courses/60248/assignments/987524)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987525">6.1 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987525"> (https://online.valenciacollege.edu/courses/60248/assignments/987525)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987526">6.2 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987526"> (https://online.valenciacollege.edu/courses/60248/assignments/987526)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987527">6.3 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987527"> (https://online.valenciacollege.edu/courses/60248/assignments/987527)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987528">6.4 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987528"> (https://online.valenciacollege.edu/courses/60248/assignments/987528)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987529">6.5 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987529"> (https://online.valenciacollege.edu/courses/60248/assignments/987529)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987558">Chapter 5 Test</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987558"> (https://online.valenciacollege.edu/courses/60248/assignments/987558)</a> <span style="float: right;">due by 11:59pm</span>
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987559">Chapter 6 Test</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987559"> (https://online.valenciacollege.edu/courses/60248/assignments/987559)</a> <span style="float: right;">due by 11:59pm</span>
Thu Sep 26, 2019	 <a href="https://online.valenciacollege.edu/calendar?event_id=126349&amp;include_contexts=course_60248">Discussion #3 initial post due tonight 11:59 pm</a> <a href="https://online.valenciacollege.edu/calendar?event_id=126349&amp;include_contexts=course_60248"> (https://online.valenciacollege.edu/calendar?event_id=126349&amp;include_contexts=course_60248)</a> <span style="float: right;">12am</span>



Date	Details
	<p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987453">Discussion #3: A World without Plants? Final post</a> (https://online.valenciacollege.edu/courses/60248/assignments/987453) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987530">7.1 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987530) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987531">7.2 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987531) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987532">7.3 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987532) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987533">7.4 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987533) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987534">7.5 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987534) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987535">7.6 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987535) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987560">Chapter 7 Test</a> (https://online.valenciacollege.edu/courses/60248/assignments/987560) due by 11:59pm</p>
Sun Sep 29, 2019	
	<p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987536">8.1 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987536) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987537">8.2 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987537) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987538">8.3 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987538) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987539">8.4 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987539) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987540">8.5 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987540) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987541">8.6 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987541) due by 11:59pm</p>
Sun Oct 6, 2019	
	<p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987542">9.1 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987542) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987543">9.2 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987543) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987544">9.3 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987544) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987545">9.4 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987545) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987546">9.5 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987546) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987561">Chapter 8 Test</a> (https://online.valenciacollege.edu/courses/60248/assignments/987561) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987562">Chapter 9 Test</a> (https://online.valenciacollege.edu/courses/60248/assignments/987562) due by 11:59pm</p>

Date	Details
Thu Oct 10, 2019	 <a href="https://online.valenciacollege.edu/calendar?event_id=126348&amp;include_contexts=course_60248">Discussion #4 initial post due tonight 11:59 pm</a> <a href="https://online.valenciacollege.edu/calendar?event_id=126348&amp;include_contexts=course_60248">(https://online.valenciacollege.edu/calendar?event_id=126348&amp;include_contexts=course_60248)</a> 12am
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987452">Discussion #4: Cancer Research Final post</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987452">(https://online.valenciacollege.edu/courses/60248/assignments/987452)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987457">11.1 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987457">(https://online.valenciacollege.edu/courses/60248/assignments/987457)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987458">11.2 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987458">(https://online.valenciacollege.edu/courses/60248/assignments/987458)</a> due by 11:59pm
Sun Oct 13, 2019	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987459">11.3 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987459">(https://online.valenciacollege.edu/courses/60248/assignments/987459)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987460">11.4 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987460">(https://online.valenciacollege.edu/courses/60248/assignments/987460)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987461">11.5 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987461">(https://online.valenciacollege.edu/courses/60248/assignments/987461)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987547">Chapter 11 Test</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987547">(https://online.valenciacollege.edu/courses/60248/assignments/987547)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987462">12.1 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987462">(https://online.valenciacollege.edu/courses/60248/assignments/987462)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987463">12.2 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987463">(https://online.valenciacollege.edu/courses/60248/assignments/987463)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987464">12.3 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987464">(https://online.valenciacollege.edu/courses/60248/assignments/987464)</a> due by 11:59pm
Sun Oct 20, 2019	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987465">12.4 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987465">(https://online.valenciacollege.edu/courses/60248/assignments/987465)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987466">12.5 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987466">(https://online.valenciacollege.edu/courses/60248/assignments/987466)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987548">Chapter 12 Test</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987548">(https://online.valenciacollege.edu/courses/60248/assignments/987548)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987467">13.1 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987467">(https://online.valenciacollege.edu/courses/60248/assignments/987467)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987468">13.2 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987468">(https://online.valenciacollege.edu/courses/60248/assignments/987468)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987469">13.3 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987469">(https://online.valenciacollege.edu/courses/60248/assignments/987469)</a> due by 11:59pm
Sun Oct 27, 2019	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987470">13.4 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987470">(https://online.valenciacollege.edu/courses/60248/assignments/987470)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987471">13.6 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987471">(https://online.valenciacollege.edu/courses/60248/assignments/987471)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987549">Chapter 13 Test</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987549">(https://online.valenciacollege.edu/courses/60248/assignments/987549)</a> due by 11:59pm

Date	Details
Thu Oct 31, 2019	 <a href="https://online.valenciacollege.edu/calendar?event_id=126347&amp;include_contexts=course_60248">Discussion #5 initial post due tonight 11:59 pm</a> <a href="https://online.valenciacollege.edu/calendar?event_id=126347&amp;include_contexts=course_60248">(https://online.valenciacollege.edu/calendar?event_id=126347&amp;include_contexts=course_60248)</a> 12am
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987451">Discussion #5: DNA Profiling Final post</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987451">(https://online.valenciacollege.edu/courses/60248/assignments/987451)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987472">15.1 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987472">(https://online.valenciacollege.edu/courses/60248/assignments/987472)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987473">15.2 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987473">(https://online.valenciacollege.edu/courses/60248/assignments/987473)</a> due by 11:59pm
	Sun Nov 3, 2019
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987475">15.4 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987475">(https://online.valenciacollege.edu/courses/60248/assignments/987475)</a> due by 11:59pm	
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987476">15.5 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987476">(https://online.valenciacollege.edu/courses/60248/assignments/987476)</a> due by 11:59pm	
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987550">Chapter 15 Test</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987550">(https://online.valenciacollege.edu/courses/60248/assignments/987550)</a> due by 11:59pm	
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987477">16.1 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987477">(https://online.valenciacollege.edu/courses/60248/assignments/987477)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987478">16.2 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987478">(https://online.valenciacollege.edu/courses/60248/assignments/987478)</a> due by 11:59pm
	 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987479">16.3 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987479">(https://online.valenciacollege.edu/courses/60248/assignments/987479)</a> due by 11:59pm
	Sun Nov 10, 2019
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987481">16.7 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987481">(https://online.valenciacollege.edu/courses/60248/assignments/987481)</a> due by 11:59pm	
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987482">16.8 Digging Deeper: Conceptual Learning Activity</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987482">(https://online.valenciacollege.edu/courses/60248/assignments/987482)</a> due by 11:59pm	
 <a href="https://online.valenciacollege.edu/courses/60248/assignments/987551">Chapter 16 Test</a> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987551">(https://online.valenciacollege.edu/courses/60248/assignments/987551)</a> due by 11:59pm	
Thu Nov 14, 2019	 <a href="https://online.valenciacollege.edu/calendar?event_id=126351&amp;include_contexts=course_60248">Discussion #6 Initial post due tonight 11:59 pm</a> <a href="https://online.valenciacollege.edu/calendar?event_id=126351&amp;include_contexts=course_60248">(https://online.valenciacollege.edu/calendar?event_id=126351&amp;include_contexts=course_60248)</a> 12am

Date	Details
	<p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987450">Discussion #6: Agents of Selection: Final post</a> (https://online.valenciacollege.edu/courses/60248/assignments/987450) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987485">17.1 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987485) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987483">17.10 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987483) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987484">17.11 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987484) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987486">17.2 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987486) due by 11:59pm</p>
Sun Nov 17, 2019	<p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987487">17.3 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987487) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987488">17.4 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987488) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987489">17.6 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987489) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987490">17.7 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987490) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987491">17.8 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987491) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987552">Chapter 17 Test</a> (https://online.valenciacollege.edu/courses/60248/assignments/987552) due by 11:59pm</p>
	<p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987492">18.1 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987492) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987493">18.2 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987493) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987494">18.3 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987494) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987495">18.4 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987495) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987496">18.5 Digging Deeper: Conceptual Learning Activity</a> (https://online.valenciacollege.edu/courses/60248/assignments/987496) due by 11:59pm</p> <p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987553">Chapter 18 Test</a> (https://online.valenciacollege.edu/courses/60248/assignments/987553) due by 11:59pm</p>
Mon Dec 9, 2019	<p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987449">Final Examination</a> (https://online.valenciacollege.edu/courses/60248/assignments/987449) due by 11:59pm</p>
	<p> <a href="https://online.valenciacollege.edu/courses/60248/assignments/987454">Discussion # 3: Cell Structure Web Search Final post</a> (https://online.valenciacollege.edu/courses/60248/assignments/987454)</p>