

SYLLABUS ADDENDUM
BIOL 2402 Hybrid-Course
8-Week APII
Assignment Guide and Schedule

GRADED ASSIGNMENTS EXPLANATION

<i>Graded Course Elements</i>	<i>Point Values</i>
<p>Unit Lecture Video Quizzes (Count as Contact Hours/Attendance Assignments for Lecture) Each unit will have videos with quizzes totaling 50pts, that will cover the lecture material for the unit. Videos will vary in their point values. The lecture video quizzes are assignments that are utilized to account for your online lecture contact hours. During weeks in which you have video assignments due, you should expect approximately 3 hours of video material. You are permitted unlimited submissions of the video quizzes. Your highest score for each quiz is recorded in the grade book. The videos and quizzes become unavailable promptly at their deadlines.</p>	200 pts
<p>Unit Lecture MasteringAP Homework Each of the 4 lecture units will have 1 graded lecture MasteringAP homework assignments (25 pts each); Students are required to have a Pearson modified Mastering AP access code compatible with the edition of the textbook utilized by the instructor. Access to assignments will be impossible without the access code. You will be able to work on the MasteringAP homework throughout the unit. You will be allowed to look through the questions as you want, moving in and out of the assignment without penalty, questions are answered individually. You will be given up to 5 attempts per question, however you will lose partial points for each incorrect answer. For more details click on the “grading details” within the assignment. Do not put these off until the last minute as they take time to complete. The assignment will give you an estimated amount of time it will take to complete. Remember this is only an estimate and it may take more or less time. Start them early in the unit. They have designated due dates as outlined in this course syllabus.</p>	100 pts
<p>Unit Lecture Exams 4 lecture unit exams will be administered that will consist of two components: a Part A (50 pts each) and a Part B (50 pts each). PART A – Will be comprised of multiple select questions and/or essay questions (25 questions). This portion of the exam will be made available to the student for 5 days. All submissions must be complete by the deadline. No extensions or extra attempts will be granted for any reason. PART B – Will be comprised of 50 multiple choice questions or true/false questions. Students are given a 40-minute time limit to complete the exam. When taking the exam, questions will appear one at a time and will lock after answering the question, permitting you to only move forward to the next question. <i>Students are not permitted to use any aids or resources on part b of the lecture exam. Students will be required to complete the part b exams using lockdown browser. Students will need web camera and microphone capability during the exam, as students will be monitored during their exams. Students caught cheating will be failed from the course.</i></p>	300 pts

<p>Pre- lab Homework Assignments</p> <p>Students will submit 12 pre-lab assignments (10 pts each) in CANVAS prior to attending lab sessions; the two lowest assignments will be dropped. It is critical that students complete the pre-labs in order to be prepared for the laboratory assignment. Pre-labs will provide necessary instructions for the completion of the laboratory assignment. All necessary materials and instructions are provided for each pre-lab in CANVAS. Students will submit their pre-labs in CANVAS by the indicated deadline. Late submissions will not be accepted. <i>Students are expected to watch all pre-lab videos that are provided for each pre-lab assignment. Information and instructions needed to be successful on pre-lab assignments, activities in the lab, and post -lab quizzes are presented in the videos.</i> Unlimited attempts are provided; highest score will be recorded.</p>	100 pts
<p>Post-Lab Quiz Homework Assignments</p> <p>Students will submit 12 post-lab quiz homework assignments (5 pts each) in CANVAS; the two lowest assignments will be dropped; Post-lab quizzes may have questions pertaining to the material covered in the pre-lab as well as the activities covered in lab that day. Students must attend lab to obtain the post-lab access code. Late submissions are not accepted, and make-up quizzes are not permitted for any reason. Unlimited attempts are provided; highest score will be recorded.</p> <p style="text-align: center;">***NOTE***</p> <p><i>Students who take the quiz without attending lab will have their quiz grade overridden with a "0." The student will also be subject to policies outlined in the course syllabus regarding academic dishonesty.</i></p>	50 pts
<p>Lab Exams</p> <p>3 Lab Exams will be administered, 50 points each. Students will complete 50 questions in 50 minutes.</p> <p>Students are not permitted to use any aids or resources on the lab exams. Students will take the laboratory exams during their regularly scheduled lab session using Respondus Lockdown Browser.</p>	200 pts

LECTURE COURSE SUBJECT OUTLINE

Note Be aware that each lecture unit has a study packet available within the course lecture module.

LECTURE UNIT 1 TOPICS COVERED

- ❖ Chapter 18 – The Endocrine System
 - Classes of hormones and Mechanisms of hormone action
 - Hormones and hormone action of the pituitary gland, thyroid gland, parathyroid gland, adrenal glands, pancreas
 - Organs that have secondary endocrine functions and their hormones
 - Hormone interaction to produce coordinated physiological responses
 - ❖ Chapter 19 – Blood
 - Functions of blood and Components of blood (characteristics and functions); plasma and formed elements
 - Blood types and blood typing
 - Hemostasis
 - ❖ Chapter 20 – Heart
 - Structure and function of the heart
 - Flow of blood through the heart
 - The conducting system of the heart
 - Cardiac cycle and Cardio dynamics
 - ❖ Chapter 21 – Blood Vessels and Circulation
 - Structure and function of blood vessels
 - Capillary exchange
 - Regulation of cardiovascular activity and Cardiovascular response to stress
 - Systemic and pulmonary circuits
 - Fetal circulation and cardiovascular changes at birth
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LECTURE UNIT 2 TOPICS COVERED

- ❖ Chapter 22 – The Lymphatic System
 - Structures and organs of the lymphatic system
 - Innate immunity and Adaptive immunity
 - ❖ Chapter 23 – The Respiratory System
 - Functions and structural organization of the respiratory system
 - External respiration, internal respiration, pulmonary ventilation
 - Mechanics of breathing
 - Regulation of respiratory function
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LECTURE UNIT 3 TOPICS COVERED

- ❖ Chapter 24 – Digestive System
 - Structure and Function of the digestive tract, pancreas, liver, and gallbladder
 - Process of digestion
 - ❖ Chapter 25 – Metabolism and Energetics
 - Carbohydrate, lipid, and protein metabolism
 - Nutrition (food groups, vitamins, minerals, etc.)
 - Metabolic rate
 - Thermoregulation
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LECTURE UNIT 4 TOPICS COVERED

- ❖ Chapter 26 – The Urinary System
 - Functional organization of the urinary system
 - Process of urine formation
 - Regulatory mechanisms controlling urine production and concentrations
 - Transport of urine to the bladder
 - Micturation
- ❖ Chapter 27 – Fluid, Electrolyte, and Acid-Base Balance
 - Homeostatic mechanisms that regulate ion concentrations, volume, and pH of extracellular fluids
- ❖ Chapter 28 – The Reproductive System
 - Structure and function of male and female reproductive organs
 - Spermatogenesis and oogenesis
 - Hormonal regulation of the female cycle
 - Male and female sexual function
- ❖ Chapter 29 – Development and Inheritance
 - Process of fertilization
 - Events occurring during prenatal development
 - Process of labor and delivery
 - Feature and physiological changes of postnatal stages of life'
 - Basic principles of genetics

LECTURE COURSE SCHEDULE

Week #1 (3/21/2022 – 3/27/2022)

- “Getting Started Module”
 - All components must be completed in order and must be completed before gaining access to any other course materials
 - All components due Wednesday March 22, 2022 @ 11:59 pm
- Assignments Due Friday March 25, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 1 Lecture Video Quizzes (Chapter 18, Chapter 19, & Chapter 20 Video Quizzes)
- Assignment Available Saturday March 26, 2022 @ 12:00 am
 - Unit 1 Lecture Exam Part A

Week #2 (3/28/2022 – 4/3/2022)

- Assignments Due Wednesday March 30, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 1 Video Quizzes (Chapter 21 Video Quizzes)
 - Unit 1 Mastering AP Assignment
- Assignment Due Wednesday March 30, 2022 @ 11:59 pm
 - Unit 1 Lecture Exam Part A
- Assignment Available Thursday March 31, 2022 @ 12:00 am
 - Unit 1 Lecture Exam Part B
 - 50 multiple choice questions to be taken in 40 minutes using LockDown Browser with Web camera
- Assignment Due Friday April 1, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 1 Lecture Exam Part B

Week #3 (4/4/2022 – 4/10/2022)

- Assignments Due Friday April 8, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 2 Lecture Video Quizzes (Chapter 22 Video Quizzes)
- Assignment Available Saturday April 9, 2022 @ 12:00 am
 - Unit 2 Lecture Exam Part A

Week #4 (4/11/2022 – 4/17/2022)

- Assignments Due Wednesday April 13, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 2 Video Quizzes (Chapter 22 Video Quizzes)
 - Unit 2 Mastering AP Assignment
- Assignment Due Wednesday April 13, 2022 @ 11:59 pm
 - Unit 2 Lecture Exam Part A
- Assignment Available Thursday April 14, 2022 @ 12:00 am
 - Unit 2 Lecture Exam Part B
 - 50 multiple choice questions to be taken in 40 minutes using LockDown Browser with Web camera
- Assignment Due Friday April 15, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 2 Lecture Exam Part B

Week #5 (4/18/2022 – 4/24/2022)

- Assignments Due Friday April 22, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 3 Lecture Video Quizzes (Chapter 24 Video Quizzes)
- Assignment Available Saturday April 23, 2022 @ 12:00 am
 - Unit 3 Lecture Exam Part A

Week #6 (4/25/2022 – 5/1/2022)

- Assignments Due Wednesday April 27, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 3 Video Quizzes (Chapter 25 Video Quizzes)
 - Unit 3 Mastering AP Assignment
- Assignment Due Wednesday April 27, 2022 @ 11:59 pm
 - Unit 3 Lecture Exam Part A
- Assignment Available Thursday April 28, 2022 @ 12:00 am
 - Unit 3 Lecture Exam Part B
 - 50 multiple choice questions to be taken in 40 minutes using LockDown Browser with Web camera
- Assignment Due Friday April 29, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 3 Lecture Exam Part B

Week #7 (5/2/2022 – 5/8/2022)

- Assignments Due Friday May 6, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 4 Lecture Video Quizzes (Chapter 126, Chapter 27, & Chapter 28 Video Quizzes)
- Assignment Available Saturday May 7, 2022 @ 12:00 am
 - Unit 4 Lecture Exam Part A

Week #8 (5/9/2022 – 5/13/2022)

- Assignments Due Wednesday May 11, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 4 Video Quizzes (Chapter 29 Video Quizzes)
 - Unit 4 Mastering AP Assignment
- Assignment Due Wednesday May 11, 2022 @ 11:59 pm
 - Unit 4 Lecture Exam Part A
- Assignment Available Thursday April 12, 2022 @ 12:00 am
 - Unit 4 Lecture Exam Part B
 - 50 multiple choice questions to be taken in 40 minutes using LockDown Browser with Web camera
- Assignment Due Friday April 13, 2022 @ 12:00 pm (Noon/Lunchtime)
 - Unit 4 Lecture Exam Part B
 - Clinical Case Bonus Activity

LABORATORY COURSE SCHEDULE:

Laboratory Week #1

- Monday March 21, 2022 (Laboratory Period)
 - Attendance to the lab is required as policies and procedures will be introduced and seating will be assigned
 - We will begin with the endocrine lab and blood & blood typing
 - Laboratory Exercise #20 – The Endocrine System
 - Laboratory Exercise #21 - Blood
- Assignments Due March 23, 2022 @ 7:00 am
 - Endocrine System Pre-Lab Assignment
 - Blood Pre-Lab Assignment
- Wednesday March 23, 2022 (Laboratory Period)
 - Topics to be covered
 - Laboratory Exercise #20 – The Endocrine System
 - Laboratory Exercise #21 - Blood
- Assignment Due March 23, 2022 @ 11:59 pm
 - Laboratory Safety Lab Assignment
- Assignments Due March 27, 2022 @ 11:59 pm
 - Endocrine System Post-Lab Quiz (Access Code = _____)
 - Blood Post-Lab Quiz (Access Code = _____)

Laboratory Week #2

- Assignments Due Monday March 28, 2022 @ 7:00 am
 - Anatomical of the Heart Pre-lab Assignment
- Monday March 28, 2022 (Laboratory Period)
 - Topics to be covered:
 - Laboratory Manual Exercise #22 Anatomy of the Heart
- Assignments Due Wednesday March 30, 2022 @ 7:00 am
 - Blood Vessels Pre-Lab Assignment
- Wednesday March 30, 2022 (Laboratory Period)
 - Topics to be covered:
 - Laboratory Manual Exercise #24 Blood Vessels
- Assignments Due Sunday April 3, 2022 @ 11:59 pm
 - Anatomy of the Heart Post-Lab Quiz (Access Code = _____)
 - Blood Vessels Post-Lab Quiz (Access Code = _____)

Laboratory Week #3

- Assignments Due Monday April 4, 2022 @ 7:00 am
 - Electrocardiography Pre-Lab Assignment
 - Heart Sounds, Blood Pressure, and Pulse Pre-Lab Assignment
- Monday April 4, 2022 (Laboratory Period)
 - Topics to be covered:
 - Laboratory Manual Exercise #23 Electrocardiography
 - Laboratory Manual Exercise #25 Heart Sounds, Blood Pressure, and Pulse
- Wednesday April 6, 2022 (Laboratory Period)
 - Topics to be covered:
 - Review Activities of Unit 1 Laboratory Material (Laboratory Manual Exercises #20 - #25)
- Assignments Due Sunday April 10, 2022 @ 11:59 pm
 - Electrocardiography Post-Lab Quiz (Access Code = _____)
 - Heart Sounds, Blood Pressure, and Pulse Post-Lab Quiz (Access Code = _____)

Laboratory Week #4

- Monday April 11, 2022 (Laboratory Period)
 - Unit 1 Laboratory Exam
 - Administered during lab
 - 50 questions in 50 minutes in Respondus LockDown Browser
 - Covering Laboratory Manual Exercises #20 - #25
- Assignments Due Wednesday April 13, 2022 @ 7:00 am
 - Respiratory Anatomy Pre-Lab Assignment
 - Digestive Anatomy Pre-Lab Assignment
- Wednesday April 13, 2022 (Laboratory Period)
 - Topics to be covered:
 - Laboratory Manual Exercise #26 Respiratory System Anatomy
 - Laboratory Manual Exercise #28 Digestive System Anatomy
- Assignments Due Sunday April 17, 2022 @ 11:59 pm
 - Respiratory Anatomy Post-Lab Quiz (Access Code = _____)
 - Digestive Anatomy Post-Lab Quiz (Access Code = _____)

Laboratory Week#5

- Assignments Due April 18, 2022 @ 7:00 am
 - Respiratory Physiology Pre-Lab Assignment
- Monday April 18, 2022 (Laboratory Period)
 - Topics to be covered:
 - Laboratory Manual Exercise #27 Respiratory Physiology
- Assignments Due Wednesday April 20, 2022 @ 7:00 am
 - Digestive Physiology Pre-Lab Assignment
- Wednesday April 20, 2022 (Laboratory Period)
 - Topics to be covered:
 - Laboratory Manual Exercise #29 Digestive Physiology
- Assignments Due Sunday April 24, 2022 @ 11:59 pm
 - Respiratory Physiology Post-Lab Quiz (Access Code = _____)
 - Digestive Physiology Post-Lab Quiz (Access Code = _____)

Laboratory Week #6

- Monday April 25, 2022 (Laboratory Period)
 - Topics to be covered:
 - Review Activities of Unit 2 Laboratory Material (Laboratory Manual Exercises #26 - #29)
- Wednesday April 27, 2022 (Laboratory Period)
 - Unit 2 Laboratory Exam
 - Administered during lab
 - 50 questions in 50 minutes in Respondus LockDown Browser
 - Covering Laboratory Manual Exercises #9 - #13

Laboratory Week #7

- Assignments Due Monday May 2, 2022 @ 7:00 am
 - Urinary System Pre-Lab Assignment
- Monday May 2, 2022 (Laboratory Period)
 - Topics to be covered:
 - Laboratory Manual Exercise #30 The Urinary System
- Assignments Due Wednesday May 4, 2022 @ 7:00 am
 - Reproductive System Anatomy Pre-Lab Assignment
- Wednesday March 4, 2022 (Laboratory Period)
 - Topics to be covered:
 - Laboratory Manual Exercise #31 Reproductive System Anatomy
- Assignments Due Sunday May 8, 2022 @ 11:59 pm
 - Urinary System Post-Lab Quiz (Access Code = _____)
 - Reproductive System Anatomy Post-Lab Quiz (Access Code = _____)

Laboratory Week #8

- Monday May 9, 2022 (Laboratory Period)
 - Topics to be covered:
 - Review Activities of Unit 3 Laboratory Material (Laboratory Manual Exercises #30 - #31)
- Wednesday May 11, 2022 (Laboratory Period)
 - Unit 3 Laboratory Exam
 - Administered during lab
 - 50 questions in 50 minutes in Respondus LockDown Browser
 - Covering Laboratory Manual Exercises #30 - #31

OTHER COURSE GRADING POLICIES

OVERALL COURSE GRADES ARE DETERMINED AS FOLLOWS:

- A = 900 + total course points
- B = 800 – 899 total course points
- C = 700 – 799 total course points
- D = 600 – 699 total course points
- F = 0 – 599 total course points

EXTRA CREDIT IS NOT GIVEN

- ❖ Extra Credit assignments are not given to ANY student for ANY reason

MAKE-UP WORK AND EXAMS ARE NOT PERMITTED

Assignments are due by the date designated in this course syllabus. Please be sure to submit assignments in advance of the due date to avoid any last minute “technical difficulties” or “computer glitches” that might cause you to miss a deadline and incur late penalties. “Technical difficulties” or “computer glitches” are not acceptable excuses for failing to submit assignments on time. Students must contact the instructor immediately upon encountering issues (computer failure, course availability, etc.) if it is expected to interfere with upcoming deadlines.

Grades **WILL NOT** be given out over the phone or via personal email, nor will grades be discussed with any individual other than the student. All grades will be recorded in CANVAS, so students can monitor their grades using CANVAS grades.