

BIOL2402.221CL Anatomy and Physiology II Spring 2023 Monday/Wednesday from 6-8:50 am in STE-334

Instructor Information: Dr. Jantz; kjantz@com.edu; 409-933-8255; STE-325.19

Student hours and location:

Monday/Wednesday from 12:00-2:00 pm in STE-325.19

Monday/Wednesday virtual hours via email or Teams by appointment only from 5-6 pm Tuesday virtual hours via Teams via email or Teams appointment only 11:00 am to 12:30 pm

Required Textbook/Materials:

- Marieb, E.N. & Hoehn, K., 2019. Human Anatomy and Physiology, 11th ed. Boston, MA; Pearson Education, Inc. (eBook via VitalSource in Blackboard (Bb) = NO PURCHASE REQUIRED)
- Amerman, E., 2017. Exploring Anatomy & Physiology in the Laboratory, 3rd edition. Englewood, Colorado, Morton Publishing Company (customized for COM, some pages will be missing) ISBN-13: 978-1-61731-955-6 (Lab Manual)

Course Description: Anatomy and Physiology II is the second part of a two-course sequence. It is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. Prerequisites: TSIA2 945-990 ELAR/CRC test AND 5 or higher on Essay OR 910-944 on CRC with 5-6 on Diagnostic Test + 5 or higher on Essay, or IRW 0320 with a grade of "C" or better. BIOL 2401 with a grade of "C" or better.

Course requirements:

Lecture Exams & Comprehensive Final Exam:

There are 4 in-person exams and 1 in-person comprehensive final exam (CFE). Each lecture exam consists of multiple-choice, fill-in-the-blank, matching, true-false, essay, and identification questions. Exam dates are listed in the "what's due when/?" document and in Brightspace/D2L.

Online Exam Ouizzes via Brightspace/D2L:

There are 4 online exam quizzes in Brightspace/D2L. Each quiz consists of multiple-choice questions. You will have 60 minutes to take the quiz. Exam quizzes will be assigned the week prior to an exam. Exam quiz due dates are listed in the "what's due when/?" document.

Online Chapter Quizzes via Brightspace/D2L:

You will have 13 online chapter quizzes. Due dates are listed in the "what's due when/?" document by 11:59pm on Saturday. Required online component.

Online Lab Activity Quizzes (LAQ) via Brightspace/D2L:

There are 12 online lab activities. Each activity reinforces material found in the 2 scheduled lab praticals. **You are responsible for watching all videos uploaded to the Lab Material area for a lab activity.** Lab quiz due dates are listed in the "what's due when/?" document.

Lab Practicals:

There are 2 lab practicals administered in lab. Practical dates are listed in the "what's due when/?" document.

Bonus Points:

Bonus points are **not** a part of the course requirements but there will be opportunities to earn bonus points offered throughout the semester. All bonus points will be part of an exam or practical.

Determination of	Course	Grade/Detailed	Grading Formula:

Course Assessment	Total Points	Percentage of Course	
LECTURE PORTION	700	70.0%	
Online Syllabus Quiz	10 points	1.0%	
Online Chapter Quizzes (points vary by quiz	200 points	20.0%	
Online Lecture Quizzes (4)	100 (25 pts each)	10.0%	
Lecture Exams (4)	340 (85 pts each)	34.0%	
Comprehensive Final Exam	50 points	5.0%	
LAB PORTION	300	30.0%	
Online Lab Safety Quiz	10 points	1.0%	
Online Lab Activity Quizzes (12)	120 (10 pts each)	12.0%	
Lab Practicals (2)	170 (85 pts each)	17.0%	
TOTAL POINTS	1000	100%	

Grading Scale:

A = between 900 and 1000 points

B = between 800 and 899.9 points

C = between 700 and 799.9 points

 \mathbf{D} = between 600 and 699.9 points

 \mathbf{F} = below 599.9 points

FN = failure of the course due to non-attendance and non-completion of course assignments

I = may be assigned at the discretion of the instructor in accordance with the college's incomplete policy.

W = withdrawal may be assigned in accordance with college's withdrawal policy.

Science Lab Policy:

This course consists of both a lecture and laboratory grade component. Students must earn a 70% or better in the laboratory component to successfully pass the course. **Earning less than 70% in the laboratory component will result in an F for the course regardless of the lecture grade**. Passing the laboratory component and failing the lecture component will not guarantee a passing grade for the course. Deviations from this policy will be at the sole discretion of the instructor.

Late Work, Make-Up, and Extra-Credit Policy:

EXAMS: Exam make-ups are allowed at the discretion of the instructor.

LAB PRACTICALS: Practical make-ups are allowed at the discretion of the instructor.

MISSED ASSIGNMENTS: Please contact the instructor if you missed an assignment to make arrangements to compete the missed assignment.

Attendance Policy:

Attendance of the face-to-face laboratory component of the course is **required**. Being absent for three or more required lab meetings will result in an "F" for the course grade unless there is a documented excuse approved by the instructor.

Communicating with your instructor:

ALL electronic communication with the instructor must be through your COM email. Due to FERPA restrictions, faculty cannot share any information about performance in the class through other electronic means. In addition to your COM email, announcements will be posted in Brightpsace pertaining to the course content, due date, and other updates. You are required to actively monitor announcement posts to maintain awareness of any course changes.

Student Learner Outcome (SLO)	Maps to Core Objective(s)	Assessed via this Assignment
Use anatomical terminology to identify and describe locations of major organs of each system covered.	objective(s)	Exams 1-4
Explain interrelationships among molecular, cellular, tissue, and organ functions in each system.		Comprehensive Final Exam
3. Describe the interdependency and interactions of the systems.		Exam 1
4. Explain contributions of organs and systems to the maintenance of homeostasis.	CT	Urinalysis Lab
5. Identify causes and effects of homeostatic imbalances.	CS	Urinalysis Lab
6. Describe modern technology and tools used to study A&P		Lab Practical 1
7. Apply appropriate safety and ethical standards.		Lab Safety Quiz
8. Locate and identify anatomical structures.		Lab Practical 1 & 2
9. Appropriately utilize laboratory equipment, such as microscopes, dissection tools, general lab ware, physiology data acquisition systems, and virtual simulations.		Lab Practical 2
10. Work collaboratively to perform experiments.	TW	Urinalysis Lab
11. Demonstrate the steps involved in the scientific method.		Differential WBC Count
12. Communicate results of scientific investigations, analyze data and formulate conclusions.		Ex 19-2 Blood Typing
13. Use critical thinking and scientific problem-solving skills, including, but not limited to, inferring, integrating, synthesizing, and summarizing, to make decisions, recommendations, and predictions.	EQS	Urinalysis Lab

Academic Dishonesty:

Disciplinary actions will be taken for students who exhibit disorderly conduct, cheat on exams, submit plagiarized work (see below), or are involved in collusion (helping others cheat or plagiarize) as defined in the Student Handbook under the heading, "Discipline and Penalties." The maximum penalty imposed for violations will be an F in the course. The student will also be referred to the Associate Vice President of Student Success and Conduct for further disciplinary action. Please read through the "Standards of Student Conduct" in the Student Handbook for a more complete discussion of these issues and your rights and responsibilities.

Student Concerns:

If you have any questions or concerns about any aspect of this course, please contact me using the contact information previously provided. If, after discussing your concern with me, you continue to have questions, please contact Prof. Abernathy at sabernathy@com.edu or 409-933-8330.

Course Schedule (SUBJECT TO CHANGE IF NEEDED)

WK	DAYS	LECTURE	LAB
1	1/16 to 1/22	College Holiday	Ex. 16-1, 16-2, and 16-4 Endocrine System/Organs/Mystery
		CH16: Endocrine System	Lab Safety Quiz (online)
	1/22	Chapter 16 Quiz	LAQ 1 (online)
2	1/22 4-	Syllabus Quiz (online)	Ex. 17-1 Anatomy of the Heart, 17-2 Cardiac Muscle Histology
	1/23 to 1/29	CH18: The Heart	Pig Heart Dissection
	1/29	Chapter 18 Quiz	LAQ 2 (online)
3	1/20 :	CH19: Blood Vessels	Ex. 19-1 Heart Auscultation
	1/30 to	Chapter 19 Quiz	Ex. 19-5 ECG
	2/05		LAQ 3 (online)
4		CH17: The Blood	Ex. 18-1 Major Arteries
-	2/06 to	Lecture Quiz 1 (online)	Ex. 18-2 Major Veins
	2/12	Exam 1	Ex. 14-4 ANS: Blood pressure
		Chapter 17 Quiz	LAQ 4 (online)
5		CH20: Lymphatic System	Ex. 20-1/20-2 Blood Composition/ABO & Rh Blood Groups
Č	2/13 to	Chapter 20 Quiz	Ex. 20-4 Blood Donation
	2/19	empter 20 Quiz	LAQ 5 (online)
6	 	CH21: Immunity	Ex. 20-3 Murder Mystery
U	2/20 to	Chapter 21 Quiz	Ex. 21-1 and 21-2 Lymphatic System Anatomy and Histology
	2/26	Chapter 21 Quiz	Ex. 21-3 Immune Response
	2/20		LAQ 6 (online)
7	2/25 4	CH22: Posnirotory System	Lab practical 1
1	2/27 to	CH22: Respiratory System Chapter 22 Quiz	Lab practical 1
•	3/06	-	
8		Lecture Quiz 2 (online)	Ex. 22-1 Respiratory System Anatomy
	2/0//		
	3/06 to	Exam 2	Ex. 23-3 pH Ventilation
	3/06 to 3/12	Exam 2	Construct a Lung Handout
			Construct a Lung Handout LAQ 7 (online)
	3/12	SPRING BREAK	Construct a Lung Handout
			Construct a Lung Handout LAQ 7 (online)
9	3/12 3/13- 3/19	SPRING BREAK	Construct a Lung Handout LAQ 7 (online)
9	3/12 3/13- 3/19 3/20 to		Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy
9	3/12 3/13- 3/19	SPRING BREAK CH23: Digestive System	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab
9	3/12 3/13- 3/19 3/20 to 3/26	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online)
	3/12 3/13- 3/19 3/20 to	SPRING BREAK CH23: Digestive System CH24: Nutrition	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab
10	3/12 3/13- 3/19 3/20 to 3/26 3/27 to	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy
	3/13- 3/19 3/20 to 3/26 3/27 to 4/02	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy
10	3/12 3/13- 3/19 3/20 to 3/26 3/27 to	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy Kidney Dissection
10	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online)
10	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney
10	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online)	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab
10 11 12	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to 4/16	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online) Exam 3	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab LAQ 10 (online)
10	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to 4/16 4/17 to	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online) Exam 3 CH28: Development	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab LAQ 10 (online) Ex. 27-1 & 27-2 Male and Female Reproductive Anatomy
10 11 12	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to 4/16	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online) Exam 3	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab LAQ 10 (online) Ex. 27-1 & 27-2 Male and Female Reproductive Anatomy Pig Dissection
10 11 12 13	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to 4/16 4/17 to	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online) Exam 3 CH28: Development Chapter 27/28 Quiz	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab LAQ 10 (online) Ex. 27-1 & 27-2 Male and Female Reproductive Anatomy Pig Dissection LAQ 11 (online)
10 11 12	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to 4/16 4/17 to 4/23	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online) Exam 3 CH28: Development	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab LAQ 10 (online) Ex. 27-1 & 27-2 Male and Female Reproductive Anatomy Pig Dissection LAQ 11 (online) Ex. 28-1/28-2 Fertilization and Embryogenesis
10 11 12 13	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to 4/16 4/17 to 4/23	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online) Exam 3 CH28: Development Chapter 27/28 Quiz	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab LAQ 10 (online) Ex. 27-1 & 27-2 Male and Female Reproductive Anatomy Pig Dissection LAQ 11 (online) Ex. 28-1/28-2 Fertilization and Embryogenesis Ex. 28-3 Heredity
10 11 12 13	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to 4/16 4/17 to 4/23	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online) Exam 3 CH28: Development Chapter 27/28 Quiz	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab LAQ 10 (online) Ex. 27-1 & 27-2 Male and Female Reproductive Anatomy Pig Dissection LAQ 11 (online) Ex. 28-1/28-2 Fertilization and Embryogenesis Ex. 28-3 Heredity Pig Uterus and Fetal Dissection
10 11 12 13	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to 4/16 4/17 to 4/23 4/24 to 4/30	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online) Exam 3 CH28: Development Chapter 27/28 Quiz CH29: Heredity	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab LAQ 10 (online) Ex. 27-1 & 27-2 Male and Female Reproductive Anatomy Pig Dissection LAQ 11 (online) Ex. 28-1/28-2 Fertilization and Embryogenesis Ex. 28-3 Heredity Pig Uterus and Fetal Dissection LAQ 12 (online)
10 11 12 13	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to 4/16 4/17 to 4/23 4/24 to 4/30 5/01 to	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online) Exam 3 CH28: Development Chapter 27/28 Quiz CH29: Heredity	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab LAQ 10 (online) Ex. 27-1 & 27-2 Male and Female Reproductive Anatomy Pig Dissection LAQ 11 (online) Ex. 28-1/28-2 Fertilization and Embryogenesis Ex. 28-3 Heredity Pig Uterus and Fetal Dissection LAQ 12 (online) Lab Practical Review
10 11 12 13	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to 4/16 4/17 to 4/23 4/24 to 4/30 5/01 to 5/07	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online) Exam 3 CH28: Development Chapter 27/28 Quiz CH29: Heredity	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab LAQ 10 (online) Ex. 27-1 & 27-2 Male and Female Reproductive Anatomy Pig Dissection LAQ 11 (online) Ex. 28-1/28-2 Fertilization and Embryogenesis Ex. 28-3 Heredity Pig Uterus and Fetal Dissection LAQ 12 (online) Lab Practical Review Comprehensive Final Exam
10 11 12 13	3/12 3/13- 3/19 3/20 to 3/26 3/27 to 4/02 4/03 to 4/9 4/10 to 4/16 4/17 to 4/23 4/24 to 4/30 5/01 to	SPRING BREAK CH23: Digestive System CH24: Nutrition Chapter 23/24 Quiz CH25: The Urinary System CH26: Fluid Balance Chapter 25/26 Quiz CH27: Reproductive System Lecture Quiz 3 (online) Exam 3 CH28: Development Chapter 27/28 Quiz CH29: Heredity	Construct a Lung Handout LAQ 7 (online) SPRING BREAK Ex. 24-1 Digestive System Anatomy Lactase Enzyme Activity Lab LAQ 8 (online) Ex. 25-1 Urinary System Anatomy Ex. 25-1 Urinary System Anatomy Kidney Dissection LAQ 9 (online) Ex. 26-1 The Model Kidney Urinalysis Lab LAQ 10 (online) Ex. 27-1 & 27-2 Male and Female Reproductive Anatomy Pig Dissection LAQ 11 (online) Ex. 28-1/28-2 Fertilization and Embryogenesis Ex. 28-3 Heredity Pig Uterus and Fetal Dissection LAQ 12 (online) Lab Practical Review

Institutional Policies and Guidelines

Grade Appeal Process: Concerns about the accuracy of grades should first be discussed with the instructor. A request for a change of grade is a formal request and must be made within six months of the grade assignment. Directions for filing an appeal can be found in the student handbook <u>Student Handbook 2022-2023 v4.pdf (com.edu)</u>. An appeal will not be considered because of general dissatisfaction with a grade, penalty, or outcome of a course. Disagreement with the instructor's professional judgment of the quality of the student's work and performance is also not an admissible basis for a grade appeal.

Academic Success & Support Services: College of the Mainland is committed to providing students the necessary support and tools for success in their college careers. Support is offered through our Tutoring Services, Library, Counseling, and through Student Services. Please discuss any concerns with your faculty or an advisor.

ADA Statement: Any student with a documented disability needing academic accommodations is requested to contact Kimberly Lachney at 409-933-8919 or klachney@com.edu. The Office of Services for Students with Disabilities is located in the Student Success Center.

Textbook Purchasing Statement: A student attending College of the Mainland is not under any obligation to purchase a textbook from the college-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Withdrawal Policy: Students may withdraw from this course for any reason prior to the last eligible day for a "W" grade. Before withdrawing students should speak with the instructor and consult an advisor. Students are permitted to withdraw only six times during their college career by state law. The last date to withdraw from the 1st 8-week session is March 1. **The last date to withdraw from the 16-week session is April 24.** The last date to withdraw for the 2nd 8-week session is May 3.

FN Grading: The FN grade is issued in cases of *failure due to a lack of attendance*, as determined by the instructor. The FN grade may be issued for cases in which the student ceases or fails to attend class, submit assignments, or participate in required capacities, and for which the student has failed to withdraw. The issuing of the FN grade is at the discretion of the instructor. The last date of attendance should be documented for submission of an FN grade.

Early Alert Program: The Student Success Center at College of the Mainland has implemented an Early Alert Program because student success and retention are very important to us. I have been asked to refer students to the program throughout the semester if they are having difficulty completing assignments or have poor attendance. If you are referred to the Early Alert Program you will be contacted by someone in the Student Success Center who will schedule a meeting with you to see what assistance they can offer in order for you to meet your academic goals.

Resources to Help with Stress:

If you are experiencing stress or anxiety about your daily living needs including food, housing or just feel you could benefit from free resources to help you through a difficult time, please click here https://www.com.edu/community-resource-center/. College of the Mainland has partnered with free community resources to help you stay on track with your schoolwork, by addressing life issues that get in the way of doing your best in school. All services are private and confidential. You may also contact the Dean of Students office at dean.ofstudents@com.edu or communityresources@com.edu.