

BIOL 2402.221H3 Anatomy & Physiology II Fall 2025

Hybrid Course In-Person Lab Only Monday 6:00PM – 8:50PM

Steam Bldg. #22 Room 334

Instructor Information: Professor Seraiah Smith, ssmith10@com.edu, 409-933-8436

Office hours and location: On-Campus in STE325-22

In-Person

• Monday 11:30am – 2:00pm, 5:00 - 6:00pm

• Tuesday 10:00pm - 11:00am

• Thursday 9:30am - 11:00am

Virtually – Please click here to book Book time with Smith, Seraiah

• Wednesday 1:00pm - 3:00pm

Required Textbook/Materials:

- Marieb, E.N. & Hoehn, K., 2019. Human Anatomy and Physiology, 12th ed. Boston, MA; Pearson Education, Inc. (eBook via VitalSource already loaded in Brightspace = NO PURCHASE REQUIRED)
- Amerman, E., 2017. Exploring Anatomy & Physiology in the Laboratory, 4th edition. Englewood, Colorado, Morton Publishing Company (customized for COM) ISBN-13: 978-1- 61731-955-6 (Lab Manual)
- Web camera (either built into your computer or attachable) to take quizzes.
- Respondus Lockdown Browser

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. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Prerequisites: TSI Reading 351 or IRW 0320 and BIOL 2401 with a grade of "C" or better.

Course Structure:

• Online Lecture Component: Weekly online lectures provide the foundational knowledge necessary for understanding human anatomy and physiology. Lectures will cover key concepts, supported by multimedia resources such as videos, diagrams, and interactive simulations. Students are required to watch the online lecture before attending the corresponding lab session. In-class quizzes will be administered at the beginning of each lab to assess comprehension of the lecture material. Failure to complete the lecture before the lab may impact the student's ability to participate fully in lab activities. Google Chrome is the recommended web browser.

• In-Person Lab Sessions: The in-person lab meets weekly, offering hands-on experience with anatomical models, dissections, and physiological experiments. Labs are designed to reinforce and expand upon the material covered in the online lectures. Attendance is mandatory, tardiness may result in an absence. Please see College of the Mainland's policy below for more details. This sentence is bonus, copy it into your syllabus quiz

Course requirements:

Lecture Exams & Comprehensive Final Exam: There are four in-person exams and one in-person Comprehensive Final Exam (CFE). Each lecture exam will include a mix of multiple-choice, fill-in-the-blank, matching, true/false, essay, and identification questions. Exam dates are listed in the syllabus. The final exam will also incorporate a project or presentation.

Lecture Quizzes: There are four lecture quizzes throughout the course, each with a set time limit for answering the questions. The quizzes will be conducted online. Lecture quiz due dates are listed in the syllabus.

Chapter Quizzes: You will have online chapter quizzes each week totaling to fifteen. Due dates are listed in the syllabus document you will access via D2L from day one.

Lab Activities: There are 12 in-person lab activities; concepts will appear on the two scheduled Lab Practicals. Each week, the lab activity worksheet must be submitted at the end of class to receive credit. No make-up sessions are allowed. Appropriate lab attire is required to participate in the in-person lab activities. Leaving the lab more than 15 minutes early will result in a point reduction.

Lab Practical's: There will be two lab practicals taken in class during this course. The practicals will cover concepts, models, and activities completed in the lab or outlined in the lab manual. Dates are listed on the syllabus.

Professionalism: All email and in-person communication must remain respectful toward both myself and your fellow classmates. This is a safe space, and I welcome respectful concerns, comments, and constructive criticism. Professionalism accounts for 1.0% of your grade. Professionalism also includes being prepared for lab. For more details, refer to the professionalism document. All emails must be sent from your COM email account—emails from personal addresses will NOT be opened.

Bonus Points: Bonus points are not a formal part of the course requirements; they are awarded at the instructor's discretion. Throughout the semester, there will be multiple opportunities to earn extra points, including through Mastering A&P. All bonus points will be added to an exam or practical. However, no exam or practical will receive more than 10 bonus points, regardless of how many a student has earned.

Determination of Course Grade/Detailed Grading Formula:

Course Assessment	Total Points	Percentage of Course
LECTURE PORTION	700 points	70.0%
Online Syllabus Quiz	5 points	0.5%
Professionalism/	10 Points	1.0%
Chapter Quizzes (15)	200 (pts vary per quiz)	20.0 %
Lecture Quizzes (4)	80 (20 pts each)	8.0 %
Lecture Exams (4)	340 (85 pts each)	34.0 %
Comprehensive Final Exam	65 pts	6.5%
LAB PORTION	300 points	30.0%
Lab Safety Quiz	10 points	1.0%
Lab Activities (12)	120 (pts vary per quiz)	12.0%
Lab Practical's (2)	170 (85 pts each)	17.0%
TOTAL POINTS	1000 points	100%

Grading Scale:

- A = A sum of the points earned throughout the course between 900 and 1000 points
- $\mathbf{B} = \mathbf{A}$ sum of the points earned throughout the course between 800 and 899 points
- C = A sum of the points earned throughout the course between 700 and 799 points
- $\mathbf{D} = \mathbf{A}$ sum of the points earned throughout the course between 600 and 699 points
- F = A sum of the points earned throughout the course below 600 points
- **FN** = A failure of the course due to non-attendance and non-completion of course assignments
- I = An incomplete may be assigned at the discretion of the instructor in accordance with the policy
- W = A withdrawal may be assigned in accordance with college policy

Science Lab Policy (Please Read Carefully)

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: Make-up exams are permitted at the discretion of the instructor. Documentation will be necessary for make-up allowance. Once granted permission for make-up, a student will have 7 days to make up the exam. If a student misses the 7-day deadline no make-up will be permitted. Only one make-up exam allotted per semester.

<u>Lab Practical's':</u> Make-up Lab Practical's are permitted at the discretion of the instructor. Documentation will be necessary for make-up allowance. Once granted permission for make-up, a student will have 7 days to make up the exam. If a student misses the 7-day deadline no make-up will be permitted. Only one make-up exam allotted per semester.

<u>Assignments:</u> Make-up Assignments are permitted at the instructor's discretion; please contact the instructor if you need to make up an assignment. <u>Habitual missed assignments will be denied (more than two).</u> Lab Activities will not be allowed a make-up, no exceptions.

Attendance Policy:

This course requires students to attend lab sessions to complete mandatory laboratory exercises. Missing three required lab meetings will result in an 'F' for the course, unless there is a documented excuse approved by the instructor (e.g., illness or death in the family, subject to the instructor's discretion, with documentation required). If a student is more than 10 minutes late, they will be marked absent. Similarly, if a student leaves 15 minutes or more before the end of class, they will also be marked absent.

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. (Faculty may add additional statement requiring monitoring and communication expectations via D2L or other LMS). I will not answer emails from personal email addresses.

Student Learner Outcome (SLO)	Maps to Core Objective(s)	Assessed via this Assignment
1. Use anatomical terminology to identify and describe	Objective(s)	Exams 1-4
locations of major organs of each system covered.		
2. Explain interrelationships among molecular, cellular,		Comprehensive Final Exam
tissue, and organ functions in each system.		
3. Describe the interdependency and interactions of the systems.		Exam 1
4. Explain contributions of organs and systems to the maintenance of homeostasis.	CT	Exams 1-3
5. Identify causes and effects of homeostatic imbalances.	CS	Exams 1-4
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	ABO Murder Mystery
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

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 minimum penalty will be a 0 on the assignment or exam. 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 Sheena Abernathy Chair of the Science Department at 409-933-8330 or by email: sabernathy@com.edu

Course outline: (include calendar with lecture topics, due dates) Course outline: (This schedule is tentative)

I. Aug. 18 Aug. 24 Aug. 24 Lab Safety Ex. 16-1 (Endocrine System Anatomy) Ex. 16-2 (Endocrine Organ Histology) Ex. 16-2 (Endocrine Organ Histology) Ex. 16-1 (Endocrine Organ Histology) Ex. 16-2 (Endocrine Organ Histology) Ex. 16-2 (Endocrine Organ Histology) Ex. 20-2 (ABO & Rh Blood Groups) Ex. 20-3 (Blood Donation) Ex. 20-4 (Blood Donation) Ex. 17-1 (Anatomy of the Heart) Ex. 17-1 (Anatomy of the Heart) Ex. 17-2 (Cardiae Muscle Histology) Ex. 19-5 (ECG) Exam 1. (Ch. 16, 17, 18) Ex. 19-5 (ECG) Ex. 19-6 (Ex. 20-4) Ex. 20-7 (Murder Mystery Game) Ex. 20-1 (Lymphatic Sys. Anatomy) Ex. 21-1 (Lymphatic Organ Histology) Ex. 21-2 (Pulmonary Vol. & Capacities) Ex. 20-2 (Pulmonary Vol. & Capacities) Ex. 20-3 (Pulmonary Vol. & Capacities) Ex. 20-3 (Pulmonary Vol. & Capacities) Ex. 20-4 (Urinary System Anatomy) Ex. 20-5 (ECG) Ex. 20-6 (ECC) Ex. 20-6 (E	Week#	Lecture: Online	Laboratory: In-Person	Due Sunday: Online
Ex. 16-2 (Endocrine 'Mystery Cases') Ex. 10-4 (Endocrine 'Mystery Cases') Ex. 20-1 (Blood Composition Ex. 20-2 (ABO & Rh Blood Groups) Ex. 20-4 (Blood Donation) 3. Sept. 1 Sept. 7 Sept. 7 Sept. 14 Sept. 8 Sept. 14 Sept. 15 Sept. 16 Sept. 21 Sept. 21 Sept. 21 Sept. 21 Sept. 22 Sept. 28 Sept. 28 Sept. 29 Sept. 29 Sept. 29 Sept. 29 Sept. 29 Sept. 29 Sept. 20 Sept. 29 Sept. 29 Sept. 29 Sept. 29 Sept. 29 Sept. 29 Sept. 20 Sept. 20 Sept. 20 Sept. 20 Sept. 20 Sept. 21 Sept. 29 Sept. 29 Sept. 29 Sept. 29 Sept. 29 Sept. 20 Sept	1. Aug. 18	CH16: The Endocrine System	Lab Safety	Syllabus Quiz
Ex. 16-4 (Endocrine "Mystery Cases")	– Aug. 24		Ex. 16-1 (Endocrine System Anatomy)	Chapter 16 Quiz
2. Aug. 25			Ex. 16-2 (Endocrine Organ Histology)	Lab Safety Quiz
Ex. 20-2 (ABO & Rh Blood Groups) Ex. 20-4 (Blood Donation)			Ex. 16-4 (Endocrine "Mystery Cases")	
Ex. 20-4 (Blood Donation) Chapter 19 Quiz Ex. 17-1 (Anatomy of the Heart) Ex. 17-2 (Cardiac Muscle Histology) Chapter 19 Quiz Lecture Quiz 1: Lockdown Browser Req	2. Aug. 25	CH17: The Blood	Ex. 20-1(Blood Composition	Chapter 18 Quiz
3. Sept. 1 Sept. 7 Sept. 7 Sept. 7 Sept. 14 Sept. 8 Sept. 14 Sept. 15 Sept. 14 Sept. 15 Sept. 15 Sept. 15 Sept. 15 Sept. 15 Sept. 15 Sept. 16 Sept. 21 Sept. 27 Sept. 21 Sept. 28 Sept. 29 Sept. 29 Sept. 29 Oct. 12 Sept. 29 Oct. 12 Sept. 20 Sept. 2	– Aug. 31		Ex. 20-2 (ABO & Rh Blood Groups)	
Sept. 7			Ex. 20-4 (Blood Donation)	
A. Sept. 8	3. Sept. 1	CH18: The Heart	Ex. 17-1 (Anatomy of the Heart)	
Sept. 14 CH19: Blood Vessels	 Sept. 7 		Ex. 17-2 (Cardiac Muscle Histology)	Lecture Quiz 1: Lockdown Browser Req
Vernier EKG Handout	4. Sept. 8	Exam 1: (Ch. 16, 17, 18)	Ex. 19-1 (Heart Auscultation)	Chapter 17 Quiz
5. Sept. 15 Sept. 21 Sept. 21 Sept. 21 Sept. 22 Sept. 22 Sept. 22 Sept. 28 Sept. 29 Sept. 29 Sept. 29 Sept. 29 Sept. 29 Sept. 29 Sept. 20	– Sept. 14	CH19: Blood Vessels	Ex. 19-5 (ECG)	
Ex. 18-2 (Major Veins of Body) Ex. 19-3 (Blood Pressure) 6. Sept. 22 CH21: Immunity Ex. 20-3 (Murder Mystery Game) Ex. 21-1 (Lymphatic Sys. Anatomy) Ex. 21-2 (Lymphatic Organ Histology) 7. Sept. 29 CH22: Respiratory Ct. 5 Exam 2: (Ch.19, 20, 21, 22) Ex. 22-1 (Respiratory Anatomy) Ex. 22-2 (Respiratory Anatomy) Ex. 23-2 (Pulmonary Vol. & Capacities) Construct a Lung Handout 9. Oct. 13 CH24: Nutrition Ex. 24-1 (Digestive System Anatomy) Cot. 20 COt. 20 CH25: The Urinary System Ex. 25-1 (Urinary System Anatomy) Ex. 25-1 (Urinary System Anatomy) Chapter 24 Quiz Chapter 25 Quiz Chapter 25 Quiz Chapter 25 Quiz Chapter 25 Quiz Chapter 26 Quiz Lecture Quiz 3: Lockdown Browser Req Ex. 26-1 (The Model Kidney) Urinalysis Handout Exam 3: (Ch. 23, 24, 25, 26) Ex. 27-2 (Female Reproductive Anatomy) PiG DISSECTION Chapter 28 Quiz Chapter 29 Quiz Lecture Quiz 4: Lockdown Browser Req Ex. 28-3 (Heredity) Pig Uterus Dissection (Optional) 15. Nov. 23 Nov. 23 Nov. 24 Nov. 25 Nov. 25 Nov. 25 Nov. 26 Nov. 27 Nov. 30 No Lecture Video Nov. 28 No Lecture Video Nov. 29 Nov. 20 Final Exam N/A Nov. 40 Nov.	_		Vernier EKG Handout	
Ex. 19-3 (Blood Pressure) 6. Sept. 22 CH21: Immunity - Sept. 28 CH22: Respiratory - Sept. 29 CH22: Respiratory - Sept. 29 CH25: Respiratory - Ct. 5 - CH26: Respiratory - Ct. 5 - CH27: Respiratory - Ct. 12 Exam 2: (Ch.19, 20, 21, 22) - Cot. 12 CH26: The Urinary System - Ct. 12 CH26: The Urinary System - Ct. 12 CH26: The Urinary System - Ct. 12 CH26: The Urinary System - Cot. 19 CH27: Reproductive System - Cot. 20 CH28: The Urinary System - Cot. 20 CH29: The Urinary System - Ch29: The Urinary System Anatomy) - Chapter 25 Quiz - Ch29: Ch2	5. Sept. 15	CH20: Lymphatic System	Ex. 18-1 (Major Arteries of Body)	Chapter 20 Quiz
6. Sept. 22 CH21: Immunity	– Sept. 21		Ex. 18-2 (Major Veins of Body)	
- Sept. 28 CH22: Respiratory Sept. 29 CH22: Respiratory Oct. 5 Sept. 29 CH22: Respiratory Oct. 5 Sept. 29 CH23: Digestive System Cot. 12 Exam 2: (Ch.19, 20, 21, 22) Oct. 12 Exam 2: (Ch.19, 20, 21, 22) Oct. 19 CH24: Nutrition Oct. 19 CH25: The Urinary System Oct. 20 CH25: The Urinary System Cot. 26 I. Oct. 27 CH26: Fluid Balance Sept. 29 CH27: Reproductive System Nov. 02 CH27: Reproductive System Nov. 9 I. Nov. 10 CH28: Development Nov. 10 Nov. 10 Nov. 10 Nov. 10 Nov. 23 No Lecture Video Nov. 23 No Lecture Video Nov. 23 No Lecture Video Nov. 30 I. Oblication I			Ex. 19-3 (Blood Pressure)	
Ex. 21-2 (Lymphatic Organ Histology) 7. Sept. 29 Oct. 5 CH22: Respiratory Oct. 6 CH23: Digestive System Oct. 12 Exam 2: (Ch.19, 20, 21, 22) Construct a Lung Handout 9. Oct. 13 Oct. 19 CH24: Nutrition Oct. 20 Oct. 26 CH25: The Urinary System II. Oct. 27 Oct. 26 CH26: Fluid Balance Swy. 02 II. Oct. 27 Nov. 03 CH27: Reproductive System Nov. 04 CH28: Development Nov. 16 II. Nov. 17 Nov. 10 CH28: Development Nov. 16 II. Nov. 23 No Lecture Video Nov. 23 No Lecture Video Nov. 23 No Lecture Video II. Nov. 23 No Lecture Video III. Det. 27 Nov. 23 No Lecture Video III. Nov. 23 No Lecture Video III. Nov. 24 III. Nov. 25 III. Nov. 26 III. Nov. 27 III. Nov. 27 III. Nov. 28 III. Nov. 29 III. Nov. 29 III. Nov. 20 III. Nov.	6. Sept. 22	CH21: Immunity	Ex. 20-3 (Murder Mystery Game)	Chapter 21 Quiz
7. Sept. 29 Oct. 5 CH22: Respiratory Oct. 5 R. Oct. 6 Oct. 12 Exam 2: (Ch.19, 20, 21, 22) COBSTREAM Oct. 13 Oct. 19 Oct. 19 Oct. 19 CH24: Nutrition Ex. 24-1 (Digestive System Anatomy) Cobstruct a Lung Handout Discrete Productive System Anatomy) Chapter 24 Quiz Chapter 24 Quiz Chapter 25 Quiz Chapter 25 Quiz Chapter 25 Quiz Chapter 26 Quiz Chapter 26 Quiz Chapter 26 Quiz Chapter 27 Quiz Chapter 26 Quiz Chapter 26 Quiz Chapter 27 Quiz Chapter 28 Quiz Chapter 28 Quiz Chapter 29 Quiz Chapter 29 Quiz Chapter 29 Quiz Chapter 26 Quiz Chapter 26 Quiz Chapter 27 Quiz Chapter 27 Quiz Chapter 28 Quiz Chapter 28 Quiz Chapter 28 Quiz Chapter 29 Quiz Chapter 29 Quiz Chapter 28 Quiz Chapter 28 Quiz Chapter 28 Quiz Chapter 28 Quiz Chapter 29 Quiz		CH22: Respiratory	Ex. 21-1 (Lymphatic Sys. Anatomy)	•
Coct. 5	•		Ex. 21-2 (Lymphatic Organ Histology)	
8. Oct. 6 Oct. 12 CH23: Digestive System Exam 2: (Ch.19, 20, 21, 22) Exam 3: (Ch.20, 21, 22) Exam 4: (Ch.20, 21, 23) Exam 4: (7. Sept. 29	CH22: Respiratory	(Lab Review)	Chapter 22 Quiz
- Oct. 12 - Oct. 13 - Oct. 19 - Oct. 19 - Oct. 20 - Oct. 20 - Oct. 26 - Oct. 27 - Oct. 27 - Oct. 28 - Nov. 20 - Nov. 9 - Nov. 10 - Nov. 16 - Nov. 16 - Nov. 23 - Nov. 20 - Oct. 26 - Oct. 27 - CH26: Fluid Balance - Ex. 25-1 (Urinary System Anatomy) - Ex. 25-1 (Urinary System Anatomy) - Chapter 25 Quiz - Chapter 26 Quiz - Chapter 26 Quiz - Oct. 27 - CH26: Fluid Balance - Ex. 27-1 (Male Reproductive Anatomy) - Ex. 27-1 (Male Reproductive Anatomy) - Ex. 27-2 (Female Reproductive Anatomy) - Oct. 26 - Oct. 27 - CH26: Fluid Balance - Ex. 25-1 (Urinary System Anatomy) - Chapter 26 Quiz - Chapter 27 Quiz - Chapter 27 Quiz - Chapter 28 Quiz - Chapter 29 Quiz - Oct. 26 - Oct. 2	– Oct. 5		Lab practical 1	Lecture Quiz 2: Lockdown Browser Req
Construct a Lung Handout 9. Oct. 13	8. Oct. 6	CH23: Digestive System	Ex. 22-1 (Respiratory Anatomy)	Chapter 23 Quiz
9. Oct. 13	– Oct. 12	Exam 2: (Ch.19, 20, 21, 22)	Ex. 23-2 (Pulmonary Vol. & Capacities)	
Oct. 19 10. Oct. 20 CH25: The Urinary System CCC. 26 11. Oct. 27 — CH26: Fluid Balance Ex. 25-1 (Urinary System Anatomy) Nov. 02 12. Nov. 3 CH27: Reproductive System Nov. 9 Exam 3: (Ch. 23, 24, 25, 26) 13. Nov. 10 Nov. 16 14. Nov. 17 Nov. 23 CH29: Heredity Ex. 28-1 (Fertilization and Implantation) CH29: Heredity Ex. 28-2 (Embryogenesis) Ex. 28-3 (Heredity) Pig Uterus Dissection (Optional) Exam 4: (Ch. 27, 28, 29) Lockdown req Nov. 23 Nov. 23 No Lecture Video Lab Practical 2 Exam 4: (Ch. 27, 28, 29) Lockdown req Nov. 30 No No. 20 No Lecture Video Final Exam N/A			Construct a Lung Handout	
In Oct. 20	9. Oct. 13	CH24: Nutrition	Ex. 24-1 (Digestive System Anatomy)	Chapter 24 Quiz
Cot. 26	– Oct. 19		Lactase Enzyme Activity Lab	
I. Oct. 27 - CH26: Fluid Balance	10. Oct. 20	CH25: The Urinary System	Ex. 25-1 (Urinary System Anatomy)	Chapter 25 Quiz
Nov. 02 12. Nov. 3 CH27: Reproductive System - Nov. 9 Exam 3: (Ch. 23, 24, 25, 26) 13. Nov. 10 - Nov. 16 14. Nov. 17 - Nov. 23 CH29: Heredity 15. Nov. 23 Roy 24 Roy 27 Roy 27 Roy 28 Roy 28 Roy 27 Roy 29 Roy 28 Roy 27 Roy 29 Roy 28 Roy 27 Roy 29 Roy 29 Roy 20 Roy 29 Roy 20 Roy 2	– Oct. 26		Kidney Dissection	
12. Nov. 3 - Nov. 9 - Nov. 9 - Nov. 9 - Nov. 9 - Nov. 10 - Nov. 10 - Nov. 16 14. Nov. 17 - Nov. 23 - Nov. 30 - Nov.	11. Oct. 27 -	-CH26: Fluid Balance	Ex. 26-1 (The Model Kidney)	Chapter 26 Quiz
- Nov. 9 13. Nov. 10 - Nov. 16 14. Nov. 17 - Nov. 23 - Nov. 24 - Nov. 30 16. Dec. 01 - Final Exam Ex. 27-2 (Female Reproductive Anatomy) Ex. 27-2 (Female Reproductive Anatomy) Ex. 27-2 (Female Reproductive Anatomy) Ex. 28-2 (Gembryogenesis) Ex. 28-1 (Fertilization and Implantation) Ex. 28-2 (Embryogenesis) Ex. 28-3 (Heredity) Pig Uterus Dissection (Optional) Exam 4: (Ch. 27, 28, 29) Lockdown req N/A	Nov. 02		Urinalysis Handout	Lecture Quiz 3: Lockdown Browser Req
13. Nov. 10 - Nov. 16 14. Nov. 17 - Nov. 23 - Nov. 24 - Nov. 25 - Nov. 25 - Nov. 26 - Nov. 27 - Nov. 27 - Nov. 28 - Nov. 29 - Nov. 30 -	12. Nov. 3	CH27: Reproductive System	Ex. 27-1 (Male Reproductive Anatomy)	Chapter 27 Quiz
- Nov. 16 14. Nov. 17 - Nov. 23 - Nov. 20 - Nov. 30 16. Dec. 01 - Nov. 16 Ex. 28-1 (Fertilization and Implantation) Ex. 28-2 (Embryogenesis) Ex. 28-2 (Embryogenesis) Ex. 28-3 (Heredity) Pig Uterus Dissection (Optional) Exam 4: (Ch. 27, 28, 29) Lockdown req N/A	– Nov. 9	Exam 3: (Ch. 23, 24, 25, 26)	Ex. 27-2 (Female Reproductive Anatomy)	
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14. Nov. 17 - Nov. 23 - Nov. 30 - No	– Nov. 16	•		
- Nov. 23 CH29: Heredity Ex. 28-2 (Embryogenesis) Ex. 28-3 (Heredity) Pig Uterus Dissection (Optional) Lab Practical 2 Exam 4: (Ch. 27, 28, 29) Lockdown req Nov. 30 N/A N/A		Withdraw Day (11/14)	Ex. 28-1 (Fertilization and Implantation)	Chapter 29 Quiz
Ex. 28-3 (Heredity) Pig Uterus Dissection (Optional) 15. Nov. 23 No Lecture Video Lab Practical 2 Exam 4: (Ch. 27, 28, 29) Lockdown req N/A N/A				Lecture Quiz 4: Lockdown Browser Req
15. Nov. 23 No Lecture Video Lab Practical 2 Exam 4: (Ch. 27, 28, 29) Lockdown req Nov. 30 16. Dec. 01 Final Exam N/A N/A			, , ,	1
- Nov. 30 16. Dec. 01 Final Exam N/A N/A			Pig Uterus Dissection (Optional)	
- Nov. 30 16. Dec. 01 Final Exam N/A N/A	15. Nov. 23	No Lecture Video	•	Exam 4: (Ch. 27, 28, 29) Lockdown req
16. Dec. 01 Final Exam N/A N/A				
		Final Exam	N/A	N/A
	- Dec. 05			

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 https://www.com.edu/student-services/student-handbook.html. 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 accommodation is requested to contact:

Kimberly Lachney, Student Accessibility Services Coordinator

Phone: 409-933-8919

Email: AccessibilityServices@com.edu

Location: COM Doyle Family Administration Building, 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 October 1. The last date to withdraw from the 16-week session is November 14. The last date to withdraw for the 2nd 8-week session is November 25.

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 <a href="mainly-dean-feet-weight-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-dean-feet-weigh-

Nondiscrimination Statement:

The College District prohibits discrimination, including harassment, against any individual on the basis of race, color, religion, national origin, age, veteran status, disability, sex, sexual orientation, gender (including gender identity and gender expression), or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of College District policy.