



Hannibal-LaGrange  
UNIVERSITY

2800 Palmyra Road • Hannibal, MO 63401 • 573-221-3675 • [www.hlg.edu](http://www.hlg.edu)

The mission of Hannibal-LaGrange University is to provide an excellent education in both liberal arts and professional disciplines in a distinctively Christian environment that integrates Christian faith and learning in preparing graduates for personal and career effectiveness.

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**BIO 264 Essentials of Human Anatomy and Physiology II**

**Summer 2020**

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**Instructor Contact Information**

Jennifer Kruse Allen, M.D.

Office Phone: (217) 357-0791

Email Address: [jennifer.allen@hlg.edu](mailto:jennifer.allen@hlg.edu)

Preferred method of contact: Email

**Course Description:** A study of the structure and function of the human body, including the circulatory, digestive, respiratory, urinary, reproductive, and endocrine systems.

**Prerequisites/Corequisites:** BIO 254

**Mode of Delivery:** On-line

**Required Text(s) and Material(s):** Shier, Butler and Lewis, Hole's Human Anatomy and Physiology Connect Code, (15<sup>th</sup> edition), McGraw-Hill, Boston, 2019.

Hands-On-Labs kit LP-2024-AP-02

**Additional Suggested Resources:** None

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**Course Learning Objectives**

*The fool says in his heart, "There is no God." They are corrupt, they do abominable deeds, there is none who does good. <sup>2</sup> The LORD looks down from heaven on the children of man, to see if there are any who understand, who seek after God.<sup>3</sup> They have all turned aside; together they have become corrupt; there is none who does good, not even one. Psalm 14:1-3 (ESV)*

The successful student will :

1. Discuss how negative feedback mechanisms regulate hormonal secretion.
2. Describe the general characteristics of blood and discuss its major functions.
3. Name the organs of the cardiovascular system and discuss their function.
4. State how a primary and secondary immune response occurs.
5. Name and describe the locations and major parts of the organs of the digestive system.
6. List the major sources of carbohydrates, lipids, and proteins.
7. List the structure and function of the kidneys.
8. Describe how the male and female reproductive systems function to bring about conception.

### Course Policies

**Academic Integrity:** Students are responsible for upholding the HLGU Honor Code. Cheating, plagiarism, or other violations of the Honor Code will not be tolerated. Consequences for Honor Code violations are outlined in the *HLGU Student Handbook* at <http://www.hlg.edu/campuslife/downloads/student-handbook.pdf>. Students who are placed on probation or suspension or who have been dismissed may appeal by following the procedures as outlined in the *HLGU Student Handbook*.

**Test Policy:** There will be four scheduled exams during the 7 weeks of the course. **During the exam, students are not allowed to use any electronic devices, notes or other forms of assistance including help from other individuals.** The exams will be administered utilizing Proctorio to insure the integrity of the exams. Students are allowed one blank sheet of paper and a pencil during the exam that can be used for legitimate testing purposes. However, the paper must be destroyed at the completion of the exam. All exams will be set for a **time limit of 90 minutes** for exam #1 and **60 minutes for the final 3**. Students will be given **only one attempt** for the exam. The test will be accessible beginning on Thursday morning of the week the test is due and will close exactly at midnight on Sunday. **Any exam not completed during that time frame will receive a zero score.** An extension of time will not be granted for any reason without prior approval of the instructor.

**Grading:** Grades will be based on 4 scheduled exams, homework and laboratory results. Exams will cover material studied since the last test. The laboratory component of the course is essential and all exercises must be completed and turned in by the assigned date. **Any student who fails the laboratory portion of the course will fail the entire course.**

Exams	-	60%
Homework	-	15%
Laboratory	-	25%

### Grading scale:

93 – 100%	A	73 - 76%	C
90 – 92%	A-	70 - 72%	C-

87 – 89%	B+	67 – 69%	D+
83 – 86%	B	63 – 66%	D
80 – 82%	B-	60 – 62%	D-
77 – 79%	C+	Below 60%	F

**Reporting of progress/student feedback:** Students should keep track of all test grades and attendance points. Please contact the instructor if you need additional academic support in this course. The earlier in the semester you seek assistance, the more valuable it will be.

**Attendance Requirements:** Regular, daily interaction with the material is expected from all students and will be essential to successfully completing the course. Reading and homework assignments will be on an on-going basis. This is a biology course and will be very challenging as is appropriate for a course of this magnitude. If your life circumstances are such that you cannot allocate at least 4 hours per day to this course, you should consider withdrawing and taking it at a later time when you can give it the time required. Please be familiar with all deadlines as shown in your Canvas account. The assignments must be completed within the timeframe allotted as ***no extensions of time will be given.***

**Technology Use:** This course requires access to a computer with high-speed internet connectivity. A digital camera/phone is also a necessity. Periodic videos and other ancillary materials will be assigned to be viewed on the student's computer.

**Note for Students with Disabilities:** If you have a special need addressed by the *Americans with Disabilities Act (ADA)*, please notify the instructor at the beginning of the course. In order for reasonable accommodations to be provided, you must provide appropriate documentation to Hannibal-LaGrange University's ADA Coordinator whose office is in Woodrow W. Burt Administration Building, Suite 201, and phone: 573-629-3016.

### Course Assignment Descriptions

**Note: In general, university courses require a minimum of two hours of homework for each hour of class time.**

All students should regularly utilize the student Canvas LMS on the hlg.edu web site. This will be the primary method for Dr. Allen to communicate with the class in between meeting times.

## Essentials of Human A&P II Course Lecture/*Laboratory* Outline \*

<u>Date</u>		<u>Topic</u>	<u>Reading Assignment</u>
June	29	Class Begins	
July	3	Assignment #1 Due	Chapters 13 & 14
	8	Assignment #2 Due	Chapter 15
	9	Exam #1 Opens	
	12	Exam #1 Due	
	17	Assignment #3 Due	Chapters 16 & 17
	18	<i>Laboratory Lessons Due</i>	<i>Labs 1, 2, 3, 4</i>
	22	Assignment #4 Due	Chapter 18
	23	Exam #2 Opens	
	26	Exam #2 Due	
	31	Assignment #5 Due	Chapters 19 & 20
August	4	<i>Laboratory Lessons Due</i>	<i>Labs 5, 6, 7, 8, 9</i>
	5	Assignment #6 Due	Chapter 21
	6	Exam #3 Opens	
	9	Exam #3 Due	
	12	Assignment #7 Due	Chapters 22, 23, 24
	14	Exam #4 Opens	
	16	Exam #4 Due	
	16	<i>Laboratory Lessons Due</i>	<i>Labs 10, 11, 12, 13, 14</i>

\*Please note that all dates and policies listed in this syllabus are tentative and are subject to change with adequate notice as conditions may warrant.