



# ANATOMY AND PHYSIOLOGY II

## ATMPII400 — Anatomy & Physiology II, 3.0 hours

### PROFESSOR

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Gabrielle is an experienced nursing professional with a demonstrated history of working in the hospital, academics & health care industry. Skilled in Nursing Education, Medical-Surgical, Advanced Cardiac Life Support (ACLS), Acute Care, and Critical Care Nursing. Strong support professional with a Bachelor of Science (BS) focused in Registered Nursing/Registered Nurse from Slippery Rock University of Pennsylvania.

### CONTACT INFORMATION

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E-mail: [gmarticek@lakewood.edu](mailto:gmarticek@lakewood.edu)

Cell Phone: 800-517-0857 X 790

### ONLINE SUPPORT (IT) AND MOODLE NAVIGATION:

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All members of the Lakewood University community who use the University's computing, information or communication resources must act responsibly. Support is accessible by calling 1-800-517-0857 option 2 or by emailing [info@lakewood.edu](mailto:info@lakewood.edu)

### BOOKS AND RESOURCES

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Rizzo C. Donald. Fundamentals of Anatomy and Physiology. 4th Ed. Cengage, 2016.

### EVALUATION METHOD

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Graded work will receive a numeric score reflecting the quality of performance.

Course Requirement Summary

- Assignments - Total of 60 Points
- Weekly discussion forums-Total of 80 Points
- Final Exam - 50 Points

### GRADING SCALE

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Graded work will receive a numeric score reflecting the quality of performance as given above in evaluation methods. The maximum number of points a student may earn is 190. To determine the final grade, the student's earned points are divided by 190.

Your overall course grade will be determined according to the following scale:

- A = (90% -100%)
- B = (80% - 89%)
- C = (70% - 79%)
- F < (Below 70%)

## ACADEMIC INTEGRITY/ PLAGIARISM:

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Cheating (dishonestly taking the knowledge of another person whether on a test or an assignment and presenting it as your work) and plagiarism (to take and pass off as one's own the ideas or writing of another) are a serious issue. While it is legitimate to talk to others about your assignments and incorporate suggestions, do not let others "write" your assignments in the name of peer review or "borrow" sections or whole assignments written by others. We do get ideas from life experiences and what we read but be careful that you interpret these ideas and make them your own.

I am aware that many types of assignments are available on the internet and will check these sources when there is legitimate suspicion.

Penalty is a zero on the assignment. In cases where there is a major or continuous breach of trust, further discipline, such as an "F" in the course, may be necessary.

The major consequence of any form of cheating is damage to your character and the result of trust and respect.

## DISABILITY ACCOMMODATIONS

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Students who may have a disability meriting an academic accommodation should contact Jim Gepperth, the Disabilities Services Coordinator and Academic Dean. For accommodations to be awarded, a student must complete a form and provide documentation of the disability to the Disability Services Coordinator. Any accommodations for disabilities must be re-certified each year by the Disability Services Coordinator before course adjustments are made by individual instructors. Additional information on disability accommodations may be found in the Lakewood University Catalog.

## SUPPLEMENTAL TEXTS

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You can use the following resources to assist you with proper source citation.

American Psychological Association Style Guide- [https://www.mylakewoodu.com/pluginfile.php/118179/mod\\_resource/content/1/APA%20Style%20Guide%207th%20edition.pdf](https://www.mylakewoodu.com/pluginfile.php/118179/mod_resource/content/1/APA%20Style%20Guide%207th%20edition.pdf)

The Purdue OWL website is also a helpful resource for students. Here is a link to the OWL website: [https://owl.purdue.edu/owl/research\\_and\\_citation/apa\\_style/apa\\_formatting\\_and\\_style\\_guide/general\\_format.html](https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/general_format.html)

## LIBRARY

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Mary O'Dell is the Librarian on staff at Lakewood University

She is available by appointment. You can make an appointment with her by emailing her at [modell@lakewood.edu](mailto:modell@lakewood.edu) or call at 1-800-517-0857 X 730

You may also schedule a meeting at this link: <https://my.setmore.com/calendar#monthly/r3a761583354923270/01032020>

She can assist you with navigating LIRN, research, citations etc.

# SUPPORT

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Each student at Lakewood University is assigned a Success Coach. Your Success Coach exists to assist you with academic and supportive services as you navigate your program. They will reach out to you, often, to check-in. Please use the resources they offer.

Student Services is available to assist with technical questions regarding Lakewood University and all services available to you.

1-800-517-0857 option 2  
info@lakewood.edu  
studentservices@lakewood.edu

# CAREER SERVICES

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Students are offered Career Services at any point as they journey their academics at Lakewood University.

1-800-517-0857 option 2  
careerservices@lakewood.edu

# LESSONS

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TITLE	COURSE TOPIC	READINGS/ASSIGNMENTS	DUE	OBJECTIVES
Lesson #1	<ul style="list-style-type: none"><li>The Endocrine System</li></ul>	Study Course Syllabus Read Chapters 12 Participate in the Discussion Forum Lesson Evaluation		Objective 1
Lesson #2	<ul style="list-style-type: none"><li>The Blood</li></ul>	Read Chapters 13 Participate in the Discussion Forum Lesson Evaluation		Objective 2
Lesson #3	<ul style="list-style-type: none"><li>The Cardiovascular System</li></ul>	Read Chapter 14 Participate in the Discussion Forum Complete Assignment 1 Lesson Evaluation	Assignment 1 upon completion of the lesson	Objective 3
Lesson #4	<ul style="list-style-type: none"><li>The Lymphatic System</li></ul>	Read Chapter 15 Participate in the Discussion Forum Lesson Evaluation		Objective 4
Lesson #5	<ul style="list-style-type: none"><li>Nutrition and the Digestive System</li></ul>	Read Chapters 16 Participate in the Discussion Forum Lesson Evaluation		Objective 5
TITLE	COURSE TOPIC	READINGS/ASSIGNMENTS	DUE	OBJECTIVES

Lesson #6	<ul style="list-style-type: none"> <li>The Respiratory System</li> </ul>	Read Chapters 17 Participate in the Discussion Forum Complete Assignment 2 Lesson Evaluation	Assignment 2 upon completion of the lesson	Objective 4 Objective 5
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TITLE	COURSE TOPIC	READINGS/ASSIGNMENTS	DUE	OBJECTIVES
Lesson #7	<ul style="list-style-type: none"> <li>The Urinary System</li> </ul>	Read Chapters 18 Participate in the Discussion Forum Lesson Evaluation		Objective 6 Objective 4 Objective 5

TITLE	COURSE TOPIC	READINGS/ASSIGNMENTS	DUE	OBJECTIVES
Lesson #8	<ul style="list-style-type: none"> <li>The Reproductive System</li> </ul>	Read Chapter 19 Participate in the Discussion Forum Complete Assignment 3 Complete the Final Exam Request the Next Course Lesson Evaluation THANKS FOR A GREAT CLASS	Assignment 3 and Final exam upon completion of the lesson	Objective 7

## DESCRIPTION

Anatomy and Physiology I is the first of a two- course sequence. This course will provide the knowledge of the structure and function of the human body. The topics include but are not limited to cells, tissues and organs of the following systems: integumentary, skeletal, muscular, nervous and special senses.

### Program Objectives

- Learn about the different types of hormones and their functions, as well as the different endocrine glands and organs involved in the endocrine system, as well as diseases related to it.
- Describe function of blood, classify different types of blood cells, and relate structural anatomy of blood cells to their function, as well as the clotting mechanisms they are related and the different groups they belong to.
- Learn about the anatomy of the heart and the circulatory system, as well as the function of the valves, major vessels, and circulatory system. Also learn about the routes of blood and the regulation of blood flow.
- Explore the lymphatic system, its related organs, and its relation to the immune system, as well as immunological processes and responses that take place in the body.
- Learn about the process of breakdown in the digestive system as well as all organs involved, including the liver, stomach, gallbladder, and intestines along with their functions in digestion.
- Explore and understand the structure and function of the respiratory system from gross anatomy to microscopic alveolar function, as well as the function of the pleura and the overall process of gas exchange.
- Learn about the anatomy and structure of the kidneys, as well as the rest of the urinary system. Describe the functions of the kidneys and the other aspects of the urinary system as they relate to the anatomy and the structure.
- Learn about the anatomy of male and female reproductive systems, the processes related to them, the maturation of these systems as individuals age, and the processes involved in human reproduction.

## OBJECTIVES

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7. Learn about the anatomy and structure of the kidneys, as well as the rest of the urinary system. Describe the functions of the kidneys and the other aspects of the urinary system as they relate to the anatomy and the structure.
8. Learn about the anatomy of male and female reproductive systems, the processes related to them, the maturation of these systems as individuals age, and the processes involved in human reproduction.