



# ANATOMY AND PHYSIOLOGY

## ATMP300 — Anatomy & Physiology I, 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%)
- D = (60% - 69%)
- F < (Below 60%)

## 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 Human Body</li><li>The Chemistry of Life</li></ul>                                     | Study Course Syllabus<br>Read Chapters 1 & 2<br>Participate in the Discussion Forum<br>Lesson Evaluation |  | Objective 1 |
| Lesson #2 | <ul style="list-style-type: none"><li>Cell Structure</li><li>Cellular Metabolism and Reproduction: Mitosis and Meiosis</li></ul> | Read Chapters 3 & 4<br>Participate in the Discussion Forum<br>Complete Assignment 1<br>Lesson Evaluation | Assignment 1 upon completion of the lesson | Objective 2 |
| Lesson #3 | <ul style="list-style-type: none"><li>Tissues</li></ul>  | Read Chapter 5<br>Participate in the Discussion Forum<br>Lesson Evaluation                               |  | Objective 3 |
| Lesson #4 | <ul style="list-style-type: none"><li>The Integumentary System</li></ul>   | Read Chapter 6<br>Participate in the Discussion Forum<br>Lesson Evaluation                               |  | Objective 4 |
| Lesson #5 | <ul style="list-style-type: none"><li>The Skeletal System</li><li>The Articular System</li></ul>                                 | Read Chapters 7 & 8<br>Participate in the Discussion Forum<br>Complete Assignment 2<br>Lesson Evaluation | Assignment 2 upon completion of the lesson | Objective 5 |

| TITLE     | COURSE TOPIC   | READINGS/ASSIGNMENTS   | DUE   | OBJECTIVES                 |
|-----------|--|--|---|----------------------------|
| Lesson #6 | <ul style="list-style-type: none"> <li>The Muscular System</li> </ul>              | Read Chapters 9 Participate in the Discussion Forum Lesson Evaluation  |   | Objective 6                |
| Lesson #7 | <ul style="list-style-type: none"> <li>Security and Personnel</li> </ul>           | Read Chapters 10 Participate in the Discussion Forum Lesson Evaluation   |   | Objective 2                |
| Lesson #8 | <ul style="list-style-type: none"> <li>Information Security Maintenance</li> </ul> | Read Chapter 11 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<br>Objective 2 |

## 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

1. Explain the difference between the strategic initiatives and operating activities of a health care organization.
2. Explain the concepts of internal audits and external environmental assessments.
3. Distinguish between strategic direction at the level of the corporation and within its individual strategic business units
4. To be able to discuss the role of organizational structure in strategy implementation and the different forms of structure possible
5. Explain the importance of finance, marketing, human resources, and legal implications of strategic planning.
6. Understand and explain the elements of organizational design.
7. Understand the tools and make decisions on which tool should be applied and best suited to which strategic strategy.
8. Explain the different strategic planning options: internal expansion, strategic alliances, mergers, acquisitions, downsizing, divestiture, and bankruptcy

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