

Lakeview College of Nursing

Course Information:

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| Course Name | Basic Concepts of Pathophysiology |
| Course Number | N313 |
| Course Section Number | Char |
| Semester Credit Hours | 3 Theory |
| Prerequisites | Satisfactory completion of required general education courses |
| Corequisites | N311, N312, N314 |
| Course Location | Charleston Campus |
| Delivery Mode | Classroom |
| Semester Dates | August 22, 2022 – Dec 16, 2022 |
| Course Meeting Dates/Times | Lectures Tuesday 3pm to 6pm |
| Course Content | <p>Clinical manifestations of disease, epidemiology, etiology of diseases, evidence-based practice, genetics, health, illness, modifiable and non-modifiable risk factors, morbidity/mortality, pathology, pathogenesis, prevalence of diseases, signs and symptoms of diseases, genes/chromosomes, genetics, alterations in cell types, nonionizing radiation, oxidative stress, body mass index, exercise, insulin resistance, metabolic syndrome, obesity, physical fitness, steatosis, hormones, sleep, insomnia, obstructive sleep apnea, homeostasis, sleep disorders, fluid and electrolyte disturbances, acid/base imbalances, renin-angiotensin-aldosterone system (RAAS), acute and chronic inflammation, systemic manifestations of inflammation, infectious diseases, immune deficient, vaccinations, immunity, hypersensitivity disorders, opportunistic infections, disorders of the white blood cells/red blood cells and platelets, restrictive lung diseases, obstructive lung disorders, infectious diseases of the upper and lower respiratory tract, pulmonary vascular disease, types of respiratory failure, disorders of oxygen transport, disorders of perfusion, alterations of homeostasis, vascular disorders, coronary circulation disorders, cardiac structural disorders, heart failure, disorders of circulation within the central nervous system, neurocognitive and neurodevelopmental disorders, disorders of hearing, balance, and vision, pain, neuropathy and headache, disorders of thermoregulation, disorders affecting motor function, acute and chronic musculoskeletal disorders, diabetes mellitus, thyroid, parathyroid and adrenal disorders, alterations of tissue perfusion and wound healing, acute and chronic skin disorders, disorders of upper and lower gastrointestinal systems, disorders of the exocrine pancreatic and hepatobiliary systems, liver failure, disorders of kidney and urinary tract function, acute and chronic kidney disease, disorders of the male reproductive system, sexual dysfunction</p> |

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| Methods of Instruction | Engaged lectures, seminars, multimedia, internet, textbooks, written assignments, and small group work. |
| Changes to Syllabus | The faculty reserves the right to make changes as necessary to this course syllabus. Learners will be notified in writing of any changes in a timely fashion. |

Faculty Information:

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| Course Coordinator | Jessica Loftis, MSN, RN |
| Office Location | Office 606 |
| Office Hours | Wednesday 0930-1430 |
| Office Phone Number | (217) 814-0187 |
| Cell Phone Number | (815) 630-7961 |
| Email Address | jloftis@lakeviewcol.edu |

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| Faculty Responsiveness | <p>When contacting via Email: Please utilize professional tone and a greeting when corresponding through email. Students should expect faculty to return e-mails within 24 hours during the work week (Monday-Friday 8-4:30pm) and 48 hours if over the weekend.</p> <p>When contacting via Phone: If faculty does not answer the phone, please leave a detailed message.</p> <p>When contacting via Text Message: This is not a preferred method of contact. Texting should be reserved to be used only in an emergency. If student texts prior to emailing, the student risks the chance of not receiving a response.</p> |
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Course Catalog Description:

The focus of this course is on the application of knowledge of anatomy and physiology, chemistry, and microbiology, which assist the student to understand abnormal physiologic cellular adaptations to common diseases and health conditions.

Textbooks & Resources:

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| Required Textbook(s) | Capriotti, T. & Frizzell, J.P. (2020). <i>Pathophysiology: Introductory concepts and clinical perspectives</i> . (2 nd ed.). F.A. Davis Company. With silver access code intact |
| Required Internet Programs | ATI https://www.atitesting.com/Home.aspx |
| Required Technology | All students are required to have a laptop and reliable internet for testing. Textbook and Online Resources: www.fadavis.com |

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| | ATI http://www.atitesting.com/TechnicalRequirements.aspx |
| | LCN Technology Requirements: https://www.lakeviewcol.edu/index.php/technology |
| Recommended Textbook(s) | Anatomy and Physiology book from previous courses |

Additional Information:

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| Student Portal | https://edvance360.com/lakeviewcol/index.php |
| Lakeview Website | www.lakeviewcol.edu |
| Student Catalog or Handbook | For a current edition of the <i>Student Catalog</i> or <i>Student Handbook</i> , students may visit either the Lakeview website or find a copy in the library. http://www.lakeviewcol.edu/cataloghandbook |
| Support systems | Edvance360: https://v9.edvance360.com/help ATI Help: https://www.atitesting.com/contact/ FADavis Student Support: https://customersupport.fadavis.com/home/ |

Course Student Learning Outcomes (CSLOs):

Upon completion of this course students will be able to:

- Apply the principles of basic physiologic processes to systemic diseases.
- Explain the human response to disease processes.
- Identify the etiology, pathogenesis, and clinical manifestations of illness or injury.

Course Requirements:

1. Students must be on time for class.
2. Students must submit all assignments on time. **No late work will be accepted**, and the student will receive a score of zero.
3. Students arriving late on test dates may be denied entrance to the class due to distracting the exam-taking students. The student then may be given an unexcused absence and will need to reschedule the test with the instructor.
4. Anything that interrupts student learning is considered disruptive. If the student is asked to leave the classroom due to disruptive behavior, which may include falling asleep, it will be considered as an unexcused absence.
5. Students are expected to have cell phones silenced and off the vibration mode. Students should not use their cell phones or other technology during class time unless it is related to the class content and directed to do so by the instructor. Cell phones will be turned to airplane mode during testing.
6. Course content reading assignments should be done before coming to the classroom setting so the student can participate in the discussion and bring questions to class.
7. Students will take all class exams in the classroom with their own computer device unless otherwise instructed by the course coordinator.
8. Students must wear their Lakeview College of Nursing picture name badge to ALL classes. If you come to class, you will not be admitted until you have it on. In the case of exams, if you arrive without your photo name badge, you will **not** be admitted or allowed to take the examination.
9. Students are not allowed to leave the classroom during exams and re-enter to continue testing without permission granted before the test begins.
10. Students will quietly leave the classroom after testing and will not be allowed to re-enter until after all students have completed testing to avoid distraction.

11. Students are not allowed to ask questions during an exam on exam content.
12. The student must achieve a minimum cumulative course average of at least 77%, and a cumulative exam average of 77% must be achieved before any other course work will be calculated into the final grade.
13. The absent student is responsible for obtaining the course material from another source and is accountable for the information presented in that class. See the Student Handbook.
14. Students are required to be familiar with the medical terminology in the required textbooks and clinical settings. Use the dictionary and medical terminology text if necessary.
15. Students will display behavior in accordance with the mission and vision of the college.
16. Students will not challenge exam scores or discuss exam questions in class. If the student wishes to discuss the exam, a private session with the instructor is to be made.
17. Students will not write emails, converse with the instructor, or class peers in a disrespectful manner.
18. Side conversations during class time are prohibited due to the disruption of the learning environment for all students.
19. Students are expected to check their Lakeview email daily for communication from instructors.
20. Remediation for failed exams will be outlined in the academic improvement plan.
21. Students are encouraged to complete a faculty/classroom evaluation form at mid-term and end of course.

Edvance360 MAINTENANCE

Please note that there are scheduled maintenance times for edvance360. It is essential that you are aware of those times and make sure that you have submitted any work in progress (e.g. tests, assignments, posts to journal, wikis or discussion boards) prior to the systems being shut down for maintenance. Any work in progress will be lost when the servers go down for maintenance. Students will be notified about scheduled maintenance by Miranda Shake, Lakeview Library Director.

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| <p>Academic E-Portfolio Students will be required to choose an appropriate document or assignment to place in their Academic E-Portfolio on Edvance.</p> | <p>Assignments for this Course: FA Davis Assignment Focus Concept Review</p> |
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Instructions for Required Homework Assignments in Davis Advantage

Students will be using Davis Advantage (www.fadavis.com) in this course. It is a mandatory resource found by using the access code inside the front cover of the textbook. Davis Advantage will contain required homework and will count for 20% of the student's course grade. Students will need to create an account and **join the Davis Advantage class by Monday, August 29th**. Failure to sign up for the Davis Advantage class results in a zero for homework assignments.

To begin working in Davis Advantage the student must:

1. Use an **access code** to access Davis Advantage. An access code can be found on the inside cover of their new book.
2. Join the assigned class so that your homework may be seen and graded by the instructor.
Class ID: 580811012090C54RS
3. An orientation video that covers everything the student needs to know to get started can be found here: <https://vimeo.com/408031899>
4. If additional help is needed, visit the F. A. Davis Support Page (customersupport.fadavis.com) for helpful videos and answers to most common questions.
5. Students will have access to Davis Edge. This is not mandatory homework. Davis Edge is a resource where students may practice test questions.

Final Course Grade Determination for Theory, Lab, & Clinical:

| Theory – Unit Exams | Weight % |
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| Exam 1 | 17% |
| Exam 2 | 17% |
| Exam 3 | 17% |
| Exam 4 | 17% |
| Exam 5 | 17% |
| Final Exam | 15% |
| Total | 80% of course grade |
| <i>Learners must achieve a minimum cumulative course and test average of at least 77% to meet the requirements and pass the course.</i> | |
| Theory – Learning Activities | Weighted % |
| Davis Advantage Chapter 2 | 2.2 |
| Davis Advantage Chapter 3 | 2.2 |
| Davis Advantage Chapter 4 | 2.2 |
| Davis Advantage Chapter 6 | 2.2 |
| Davis Advantage Chapter 41 | 2.2 |
| Davis Advantage Chapter 43/44 | 2.2 |
| Davis Advantage Chapter 7 | 2.3 |
| Davis Advantage Chapter 7 | 2.3 |
| Davis Advantage Chapter 8 | 2.3 |
| Davis Advantage Chapter 9 | 2.2 |
| Davis Advantage Chapter 10 | 2.2 |
| Davis Advantage Chapter 11 | 2.2 |
| Davis Advantage Chapter 11 | 2.2 |
| Davis Advantage Chapter 12 | 2.2 |
| Davis Advantage Chapter 13 | 2.2 |
| Davis Advantage Chapter 14 | 2.2 |
| Davis Advantage Chapter 15 | 2.2 |
| Davis Advantage Chapter 15 | 2.2 |
| Davis Advantage Chapter 16 | 2.2 |
| Davis Advantage Chapter 16 | 2.2 |
| Davis Advantage Chapter 17 | 2.2 |
| Davis Advantage Chapter 17 | 2.2 |
| Davis Advantage Chapter 18 | 2.2 |

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| Davis Advantage Chapter 20 | 2.2 |
| Davis Advantage Chapter 21 | 2.2 |
| Davis Advantage Chapter 21 | 2.2 |
| Davis Advantage Chapter 29 | 2.2 |
| Davis Advantage Chapter 30 | 2.2 |
| Davis Advantage Chapter 31 | 2.2 |
| Davis Advantage Chapter 32 | 2.2 |
| Davis Advantage Chapter 22 | 2.2 |
| Davis Advantage Chapter 22 | 2.2 |
| Davis Advantage Chapter 23 | 2.2 |
| Davis Advantage Chapter 37 | 2.2 |
| Davis Advantage Chapter 38 | 2.2 |
| Davis Advantage Chapter 39 | 2.2 |
| Davis Advantage Chapter 33 | 2.2 |
| Davis Advantage Chapter 34 | 2.2 |
| Davis Advantage Chapter 35 | 2.3 |
| Davis Advantage Chapter 24 | 2.3 |
| Davis Advantage Chapter 24 | 2.3 |
| Davis Advantage Chapter 24 | 2.3 |
| Davis Advantage Chapter 25 | 2.3 |
| Davis Advantage Chapter 25 | 2.3 |
| Davis Advantage Chapter 25 | 2.3 |
| Total | 20% of Course Grade |
| <i>Learners must achieve a minimum cumulative course and test average of at least 77% to meet the requirements and pass the course.</i> | |

Unit Exams and Assignments:

| Component | Administration or Due Dates |
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| Theory – Exams | Unit/Week Administered | Date To be Administered |
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| Exam #1 | Week 5 | 9/20/2022 |
| Exam #2 | Week 7 | 10/4/2022 |
| Exam #3 | Week 10 | 10/25/2022 |
| Exam #4 | Week 13 | 11/15/2022 |
| Exam #5 | Week 15 | 12/6/2022 |
| Final Exam | Week 16 | 12/13/2022 |
| Theory – Assignments | Week Assigned | Due Date/Time |
| Davis Advantage Chapter 2 | Week 1 | 9/12/2022 at 2359 CST |
| Davis Advantage Chapter 3 | Week 1 | 9/12/2022 at 2359 CST |
| Davis Advantage Chapter 4 | Week 1 | 9/12/2022 at 2359 CST |
| Davis Advantage Chapter 6 | Week 1 | 9/12/2022 at 2359 CST |
| Davis Advantage Chapter 41 | Week 1 | 9/12/2022 at 2359 CST |
| Davis Advantage Chapter 43/44 | Week 1 | 9/12/2022 at 2359 CST |
| Davis Advantage Chapter 7 | Week 1 | 9/12/2022 at 2359 CST |
| Davis Advantage Chapter 7 | Week 1 | 9/12/2022 at 2359 CST |
| Davis Advantage Chapter 8 | Week 1 | 9/12/2022 at 2359 CST |
| Davis Advantage Chapter 9 | Week 4 | 10/3/2022 at 2359 CST |
| Davis Advantage Chapter 10 | Week 4 | 10/3/2022 at 2359 CST |
| Davis Advantage Chapter 11 | Week 4 | 10/3/2022 at 2359 CST |
| Davis Advantage Chapter 11 | Week 4 | 10/3/2022 at 2359 CST |
| Davis Advantage Chapter 12 | Week 4 | 10/3/2022 at 2359 CST |
| Davis Advantage Chapter 13 | Week 4 | 10/3/2022 at 2359 CST |
| Davis Advantage Chapter 14 | Week 4 | 10/3/2022 at 2359 CST |
| Davis Advantage Chapter 15 | Week 7 | 10/24/2022 at 2359 CST |
| Davis Advantage Chapter 15 | Week 7 | 10/24/2022 at 2359 CST |
| Davis Advantage Chapter 16 | Week 7 | 10/24/2022 at 2359 CST |
| Davis Advantage Chapter 16 | Week 7 | 10/24/2022 at 2359 CST |
| Davis Advantage Chapter 17 | Week 7 | 10/24/2022 at 2359 CST |
| Davis Advantage Chapter 17 | Week 7 | 10/24/2022 at 2359 CST |
| Davis Advantage Chapter 18 | Week 7 | 10/24/2022 at 2359 CST |
| Davis Advantage Chapter 20 | Week 7 | 10/24/2022 at 2359 CST |
| Davis Advantage Chapter 21 | Week 7 | 10/24/2022 at 2359 CST |

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| Davis Advantage Chapter 21 | Week 7 | 10/24/2022 at 2359 CST |
| Davis Advantage Chapter 29 | Week 10 | 11/14/2022 at 2359 CST |
| Davis Advantage Chapter 30 | Week 10 | 11/14/2022 at 2359 CST |
| Davis Advantage Chapter 31 | Week 10 | 11/14/2022 at 2359 CST |
| Davis Advantage Chapter 32 | Week 10 | 11/14/2022 at 2359 CST |
| Davis Advantage Chapter 22 | Week 10 | 11/14/2022 at 2359 CST |
| Davis Advantage Chapter 22 | Week 10 | 11/14/2022 at 2359 CST |
| Davis Advantage Chapter 23 | Week 10 | 11/14/2022 at 2359 CST |
| Davis Advantage Chapter 37 | Week 13 | 12/5/2022 at 2359 CST |
| Davis Advantage Chapter 38 | Week 13 | 12/5/2022 at 2359 CST |
| Davis Advantage Chapter 39 | Week 13 | 12/5/2022 at 2359 CST |
| Davis Advantage Chapter 33 | Week 13 | 12/5/2022 at 2359 CST |
| Davis Advantage Chapter 34 | Week 13 | 12/5/2022 at 2359 CST |
| Davis Advantage Chapter 35 | Week 13 | 12/5/2022 at 2359 CST |
| Davis Advantage Chapter 24 | Week 15 | 12/12/2022 at 2359 CST |
| Davis Advantage Chapter 24 | Week 15 | 12/12/2022 at 2359 CST |
| Davis Advantage Chapter 24 | Week 15 | 12/12/2022 at 2359 CST |
| Davis Advantage Chapter 25 | Week 15 | 12/12/2022 at 2359 CST |
| Davis Advantage Chapter 25 | Week 15 | 12/12/2022 at 2359 CST |
| Davis Advantage Chapter 25 | Week 15 | 12/12/2022 at 2359 CST |

All assignments submitted after due date will result in a zero

See Student Handbook for All Institutional Policies

General Attendance/Absence Policy

Lakeview College of Nursing students are expected to attend all meetings of classes, scheduled laboratory, and clinical sessions in which they have enrolled. Attendance at clinical and lab session are required. Attendance will be recorded for each scheduled class, laboratory, and clinical experience. It is the student's responsibility to

attend all classes, arrive on time, and stay for the entire designated time. Students who violate the clinical/lab dress code and/or student conduct code will not be permitted to attend or remain in the class, laboratory or clinical experience and an absence will be recorded. Students must wear a Lakeview College of Nursing-issued student ID badge at all times while in class, lab, and at clinical sites.

Theory Attendance Policy

Attendance at all classroom sessions are expected and missing any classroom sessions can have an impact on the student's course grade. Students are expected to prepare for each classroom session by completing the required readings and other assignments. If the student does not attend two (2) scheduled class dates during the semester, their ability to complete the course will be evaluated by the course coordinator.

Access and Accommodations: Your experience in this class is important to me. If you have already established accommodations with Disability Service [Vicky Oliver], please communicate with me so that we may implement your approved accommodations in this course.

If you have not yet established services, but have a temporary health condition or permanent disability that requires accommodations (conditions include but not limited to; mental health, attention-related, learning, vision, hearing, physical or health impacts), you are welcome to contact Vicky Oliver at 217-709-0939 or email Vicky at voliver@lakeviewcol.edu to see if you are eligible for accommodations. Vicky Oliver offers resources and coordinates reasonable accommodations for students with disabilities and/or temporary health conditions. Reasonable accommodations are established through an interactive process between you, the instructor, and Vicky. It is the policy and practice of the Lakeview College of Nursing to create inclusive and accessible learning environments consistent with federal and state law.

Academic Integrity

Lakeview College of Nursing is committed to upholding the highest standards of academic integrity in the classroom and clinical setting and it is the responsibility of all stakeholders-faculty, staff, and students to ensure these standards are being met.

More about the expected standards of behavior can be found at <https://lakeviewcol.edu/catalog>

Academic Integrity Honor Code

Student's Signature:

__Jayda Davis_____

Date: 8/23/2022

Student's Printed Name:

__Jayda Davis_____

For complete information about expected student behavior and disciplinary action, please refer to the *Student Handbook*, available on the Lakeview College of Nursing website.

Lakeview College of Nursing

N313 Basic Pathophysiology

Fall 2022

My signature above verifies that I have read and understand the rules identified on the previous pages for class.

It also verifies that I have read, understand, and agree to abide by this course's syllabus.

My signature also verifies I will follow all student rules as established in the student handbook/college catalog.