

# Pathophysiology- A Practical Approach

## Spring 2021

\*Faculty reserves the right to make updates and/or changes to the content and/or dates of the syllabus/course. Students will be notified if such changes occur.

**Course Name:** Pathophysiology for Nursing

**Course Description:** Explores the basic pathophysiology of selected disease processes that alter health of individuals across the lifespan. Focuses on nursing assessment and identification of presenting signs, symptoms and manifestations of the selected disease processes.

**Course Number:** NURS 324-700

**Class Time:** On-line

**Course Credit:** 3.0

**Prerequisites:** Biology 131 and Biology 231 must be complete with a C or higher

**Faculty:** Mark Flener, MSN, RN, CCRN  
Clinical Assistant Professor  
MCHSC #2225  
Office Hours: by appointment only.  
Appointments can be made additionally beyond hours noted.  
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\*Emails will be responded to within 24-48 (excluding weekends).

**Required Textbook:**

Story, L. (2018). *Pathophysiology: A practical approach* (3<sup>rd</sup> ed.). Burlington, MA: Jones and Bartlett.

**Required Electronic Materials:**

- Laptop, tablet, or desktop computer with access to Blackboard via app or internet browser.
- Firefox or Chrome Browser required.
- Respondus Lockdown Browser and Proctor Monitoring app will be used for exams. This app is not compatible to Chromebooks and certain types of MAC Pro Air.

**Program Outcomes, Course Objectives and Teaching/Learning Strategies:**

<b>Program Outcome</b>	<b>Course Objective</b>	<b>Teaching/Learning Strategy</b>
1. Apply knowledge from the behavioral, biological, physical, social sciences, and the liberal arts to provide holistic patient-centered care.	1. Describe the basic pathophysiology of selected disease processes that alter the health of individuals across the lifespan. PO: 1, 4	<ul style="list-style-type: none"> <li>• Online lecture with power point presentations</li> <li>• Audio-visuals</li> <li>• Case study</li> <li>• Assigned readings</li> <li>• Quizzes</li> <li>• Exams</li> <li>• Final Exams</li> </ul>
2. Using the nursing process and quality improvement to provide professional nursing care to promote the health and wellness of culturally diverse patients across the lifespan in a variety of settings.	2. Identify the presenting signs, symptoms and manifestations of selected disease processes. PO: 1,4	<ul style="list-style-type: none"> <li>• Online lecture with power point presentations</li> <li>• Audio-visuals</li> <li>• Case study</li> <li>• Assigned readings</li> <li>• Quizzes</li> <li>• Exams</li> <li>• Final Exams</li> </ul>
3. Demonstrate leadership in the practice of professional nursing.	3. Explain how the underlying pathophysiology of selected disease processes leads to the presenting signs, symptoms, and manifestations. PO: 2,4	<ul style="list-style-type: none"> <li>• Online lecture with power point presentations</li> <li>• Audio-visuals</li> <li>• Case study/Crossword</li> <li>• Assigned readings</li> <li>• Quizzes</li> <li>• Exams</li> <li>• Final Exams</li> </ul>
4. Use critical thinking skills in professional nursing practice.		
5. Use inter-and intra-professional communications and collaborative skills in professional nursing practice.		
6. Demonstrate the role of teacher in professional nursing practice.		
7. Integrate informatics skills in the selection of evidence-based interventions in professional nursing practice.		
8. Adhere to the nursing code of ethics and standards of professional nursing practice.		
9. Function as a safe and accountable member of the nursing profession.		

**Evaluation Methods:****Points will be distributed as follows:**

1. Examinations (7 exams: 30 points each) 210 points

2. Comprehensive final 100 points**Total Exam 310 points****Total quiz points will only be added to total grade once 238.7 (77%) is achieved in exam content.**3. Quizzes (14 quizzes: 10 points each, drop lowest) 130 points**Total Course 440 points****Grades: (points are inclusive of quiz points earned with exam total points)**

Points	Letter Grade	Percent
400.4 - 440	A	91-100%
369.6 – 400.3	B	84-90%
<b>338.8 – 369.5</b>	<b>C</b>	<b>77-83%</b>
303.6 – 338.7	D	69-76%
0- 303.5	E	0-68%

- **Point values/percentages will not be rounded.**
- Student must obtain a grade of “C” or above to be successful in NURS 324.
- **Students must obtain a minimum average of 77% (238.7 points out of 310 possible) on exams, including the final, before quizzes, or any other points will be calculated into the grade. If not successful in achieving 77% on total exam accumulation, you will not pass the course.**
- Expected student online class behavior includes active participation in blackboard modules, respectful behavior to peers and peer feedback, professional behavior when asking or answering questions and respectful attention to timeline and due dates.
- Any student found to be exercising any behavior of academic dishonesty will receive a score of zero on the examination/quiz/assignment/case study. Such dishonesty behavior may also result in the student being dismissed from the course and the program.

**Adaptive Quizzing:**

- This material will be utilized to enhance and reinforce learned material.
- Quizzes must be completed independently and are open on blackboard from 8:00 a.m. until 11:59 p.m. during time window the quiz is due.
- Students will have 10 minutes to complete each quiz.
- Quizzes must be completed within the course’s quiz window time frame (6 days). Exceptions will only be considered due to medical or bereavement concerns. Please contact course instructor.
- Each quiz consists of 10 questions from each chapter and reinforce key concepts.
- Quizzes are open note and open book.

- In case of a computer problem, it is the responsibility of the student to contact the faculty. It is at the discretion of the faculty to determine if the quiz will be reset
- Lowest quiz will be dropped.

#### **On-line Exams:**

- Exam content includes online material and readings.
- Exam questions will consist of hot spots, multiple choice, and multiple answer. Each question will analyze student's understanding and application of knowledge. Questions will be proposed in an application setting and will evaluate student's ability to critically think.
- Exams will be 45 minutes in length. The final exam will be 120 minutes in length.
- Students will be able to utilize a dry eraser board during exam for calculations.
- Due to pandemic restrictions, all exams will be completed utilizing Respondus Lockdown Browser and Proctor Monitoring. Please see course site for specific instructions on utilization.
- All exams must be completed within course's exam window time frame (4 days). Exceptions will only be considered due to medical or bereavement concerns. Please contact course instructor.
- Exam scores will be available on Blackboard within one week after the examination is completed.
- Questions regarding examination answers should be submitted within one week of examination completion to the online instructor.
- Exam Reviews are available one week post exam. The review will occur on ZOOM with the course instructor. Reviews are highly encouraged as this knowledge will be the foundation of your nursing school courses.

#### **Time Requirements:**

- NURS 324 is a 3-credit course and requires a minimum of three hours of classroom time per week. The online student should anticipate addition of 5 to 6 hours within the week to complete readings, videos, and course work.
- Course Modules are detailed within blackboard. Each module details subject, materials, and expectations to complete successfully. Additional material may be suggested to support learning.
- Modules will open on selected dates posted within the calendar. No approval will be given to work ahead of selected calendar dates.

#### **Student Responsibilities:**

- Students are expected to follow all policies as printed in the Western Kentucky University School of Nursing/BSN Student Handbook.  
[https://www.wku.edu/nursing/left\\_nav/bsn\\_handbook\\_2020\\_2021.pdf](https://www.wku.edu/nursing/left_nav/bsn_handbook_2020_2021.pdf)
- Students are expected to be self-directed and responsible in their own learning. It is the student's responsibility to seek assistance or address concerns with the online course instructor as soon as possible.

- Student should dedicate adequate time each day to study and review content. The material in this course is complex and requires extensive study time to understand concepts and application.
- Each student is responsible for checking blackboard and WKU email on a daily basis.

#### **ADA Accommodation Statement:**

- In compliance with University policy, students with disabilities who require academic and/or auxiliary accommodations for this course must contact the Student Accessibility Resource Center (SARC) located in Downing Student Union, 1074. SARC can be reached by phone number at 270-745-5004 (270-745-3030 TTY) or via email at [sarc.connect@wku.edu](mailto:sarc.connect@wku.edu). Please do not request accommodations directly from the professor or instructor without a faculty notification letter from SARC.

#### **Title IX Misconduct/Assault Statement:**

- Western Kentucky University (WKU) is committed to supporting faculty, staff and students by upholding WKU's Title IX Sexual Misconduct/Assault Policy (#0.2070) at <https://wku.edu/eoo/documents/titleix/wkutitleixpolicyandgrievanceprocedure.pdf> and Discrimination and Harassment Policy (#0.2040) at [https://wku.edu/policies/hr\\_policies/2040\\_discrimination\\_harassment\\_policy.pdf](https://wku.edu/policies/hr_policies/2040_discrimination_harassment_policy.pdf).
- Under these policies, discrimination, harassment and/or sexual misconduct based on sex/gender are prohibited. If you experience and incident of sex/gender-based discrimination, harassment and/or sexual misconduct, you are encouraged to report it to the Title IX Coordinator, Andrea Anderson, 270-745-5398 or Title IX Investigators, Michael Crowe, 270-745-5429 or Joshua Hayes, 270-745-5121.
- Please note that while you may report an incident of sex/gender based discrimination, harassment and/or sexual misconduct to a faculty member, WKU faculty are "Responsible Employees" of the University and must report what you share to WKU's Title IX Coordinator/Investigator.
- If you would like to speak with someone who may be able to afford you confidentiality, you may contact WKU's Counseling and Testing Center at 270-745-3159.

#### **IT Help Desk**

- We will use Blackboard and the Internet for work in this course. Problems with Blackboard should be directed toward the IT Help Desk. The IT Helpdesk is available 95 hours per week: 7:00 a.m.-10:00 p.m. Monday thru Friday, 8:00 a.m. -8:00 p.m. Saturday and 12:00 p.m.-8:00 p.m. on Sunday. Contact via phone at 270-745-7000, WKU IT live chat link web address at <http://www.wku.edu/it/chat>