

Syllabus for
NUR 230—Pathophysiology I
3 Credit Hours
Fall 2020

I. COURSE DESCRIPTION

Provides basic knowledge of pathophysiologic processes, risk factors for diseases, and physical manifestations in related body systems. Integrates genetic, developmental, cultural, and environmental influences on illness across the life span.

a. Prerequisite: PHS 223, PHS 224.

Corequisites: NUR 300.

b. Lab fee: \$350.00

II. COURSE LEARNING OUTCOMES

The purpose of this course is to enable the student to do the following:

- a. Describe abnormal physiologic functions and disruptions to individuals across the lifespan.
- b. Identify genetic, developmental, cultural, and environmental influences on health and illness.
- c. Recognize subjective and objective assessment findings of selected pathological processes.
- d. Examine interrelatedness of body systems in pathophysiologic processes.

III. STUDENT LEARNING OUTCOMES FOR THIS COURSE

See course lesson plan for weekly student learning outcomes.

I. TEXTBOOKS AND OTHER LEARNING RESOURCES

A. Required Materials

1. Textbooks
Hubert, R.J., & VanMeter, K.C. (2018). Gould's Pathophysiology for the Health Professions. (6th ed.). Elsevier: St. Louis, MO. ISBN-978-0-323-41442-5
2. Other
 - a. Turning Technologies **1 semester** subscription code: ISBN 9780997224863
 - b. Turning Technologies **1 year** subscription code: ISBN 9781934931714
3. Other
Students are expected to use multiple resources, including technology such as electronic computer databases to find materials related to course content.

B. Optional Materials

1. Hubert, R.J., & VanMeter, K.C. (2018). Study Guide for Gould's Pathophysiology for the Health Professions. (6th ed.). Elsevier: St. Louis, MO.

II. POLICIES AND PROCEDURES

A. University Policies and Procedures

1. Attendance at each class or laboratory is mandatory at Oral Roberts University. Excessive absences can reduce a student's grade or deny credit for the course.
2. Students and faculty at Oral Roberts University must adhere to all laws addressing the ethical use of others' materials, whether it is in the form of print, electronic, video, multimedia, or computer software. Plagiarism and other forms of cheating involve both lying and stealing and are violations of ORU's Honor Code: "I will not cheat or plagiarize; I will do my own academic work and will not inappropriately collaborate with other students on assignments." Plagiarism is usually defined as copying someone else's ideas, words, or sentence structure and submitting them as one's own. Other forms of academic dishonesty include (but are not limited to) the following:
 - a. Submitting another's work as one's own or colluding with someone else and submitting that work as though it were his or hers;
 - b. Failing to meet group assignment or project requirements while claiming to have done so;
 - c. Failing to cite sources used in a paper;
 - d. Creating results for experiments, observations, interviews, or projects that were not done;
 - e. Receiving or giving unauthorized help on assignments.By submitting an assignment in any form, the student gives permission for the assignment to be checked for plagiarism, either by submitting the work for electronic verification or by other means. Penalties for any of the above infractions may result in disciplinary action including failing the assignment or failing the course or expulsion from the University, as determined by department and University guidelines.

3. Final exams cannot be given before their scheduled times. Students need to check the final exam schedule before planning return flights or other events at the end of the semester.
4. Students are to be in compliance with University, school, and departmental policies regarding the Whole Person Assessment requirements. Students should consult the Whole Person Assessment handbooks for requirements regarding general education and the students' majors.
 - a. The penalty for not submitting electronically or for incorrectly submitting an artifact is a zero for that assignment.
 - b. By submitting an assignment, the student gives permission for the assignment to be assessed electronically.

B. College of Nursing Policies and Procedures

1. The *ORU AVCON Student Handbook* contains a complete list of College of Nursing policies.
2. **Attendance**
 - a. The last day for students to add nursing classes is the first Monday following the University's date for the beginning of classes.
1. Students are expected to punctually attend and be prepared for all lectures, exams, simulated laboratories, and clinical practicums.

In the event of an absence students must be aware that the following will apply:

Class-time credit hours per class	Absences not resulting in penalty	Grade Deduction
3	3	2% per absence starting with 4 th absence
2	2	3% per absence starting with 3 rd absence
1	1	4% per absence starting with 2 nd absence
<i>Each</i> additional absence will equate to a 1% deduction to the overall course grade.		

Understand that 3 tardies equal an unexcused absence and excessive absences (approved or unapproved) will deny credit for the course. Tardy is defined as arriving to class late or leaving class before dismissed without prior approval from instructor.

- c. The Dean of the College of Nursing may request administrative excuses for absences from courses or Chapel when scheduling conflicts exist with scheduled learning experiences within the College of Nursing.
- d. Students are to discuss administratively excused absences with the course coordinator and confirm plans for meeting course objectives 48 business hours **prior to** the scheduled class.
- e. Makeup of modular posttests is arranged only in the case of an excused class absence. Students **must speak personally** to the course coordinator **prior to** the test period if they are unable to take a scheduled exam. Absences are excused

only for cases of documented illness or other crisis situations. Students must pay a \$15 fee, payable to student accounts, for a late exam.

1. Assignments

All pre-assignments must be completed prior to attending a learning experience. Failure to complete a pre-assignment will result in a student being dismissed from the experience. The dismissal will count as an unexcused absence.

- a. Engagement is a primary component of a concept-based curriculum. Participation and engagement in all learning experiences is required. Failure to participate or engage appropriately during a learning experience may result in a student being dismissed from the learning experience. The dismissal will count as an unexcused absence.

3. Clinical Policies

NUR 230 is not a clinical course. Therefore, clinical policies are not applicable.

4. Evaluation Procedures

- a. Students are **required** to submit all assignments for course completion. Due dates of assignments are specified in the syllabus or course resources. Submitting assignments in a timely manner or making arrangements in case of emergency demonstrates the student's professional accountability and responsibility. Assignments submitted **late** will have points deducted as follows:

1 business day: 10%

2 business days: 20%

3 business days: 30%

4 business days: A grade of zero will be given.

In order to successfully complete the course, students must achieve at least 70% weighted average on module and final exams. (Quizzes and ATI exam scores are not included in this average.)

- b. Whole Person Assessment requirements:
No WPA artifacts are required for this course.

C. Course Policies and Procedures

1. Evaluation Procedures

- a. All evaluation is based on achievement of stated course objectives.
b. If a passing grade is achieved in the clinical laboratory and on the written exam(s), the course grade for NUR 230 is based upon work in the following areas:

Midterm	Diagram	7%
Modular exams		45%
Quizzes (written assignments worth 10 points each)		10%
Final exam		25%

- c. See College of Nursing policies for additional evaluation procedures.

2. Whole Person Assessment Requirements
None

VI. COURSE CALENDAR (Tentative)

*Starting week 2 there will be a short quiz covering content from voice over PPT for that days course content. It will be at the very beginning of class.

Week	Dates	Monday	Friday 1 st hour	Friday 2 nd hour
	8/14		Intro to course; Concept Based Learning	Class activity. Bring computers.
2	8/17 8/21	Inflammation and Immunity Ch 5 and 7	Tissue Integrity; Cellular Death Ch. 1 and 8	Wounds/Burns
3	8/24 8/28	Pain Ch. 4 Thermoregulation pp 627-628	Altered Mobility Ch 9, 25 pp. 325-339; 358-375	Altered Sensory Eyes/Ears Ch. 15
4	8/31 9/4	Exam 1 (all previous content)	Exam 1 review Introduction to pathophysiology diagrams (bring textbook)	Fluid and Electrolytes Ch. 2
5	9/7 9/11	LABOR DAY	Acid Base Balance Ch. 9 Altered	Altered Elimination: Urinary pp. 460-468, 477-482
6	9/14 9/18	Nutrition and GI pp 428-448, 451-452, 453-459, pp 59-70.	Cont.	Altered Elimination: Bowel pp 469-477, 485-489
7	9/21 9/25	Exam 2 content from exam 1 until current)	Exam 2 review	Altered Oxygenation Ch. 13
8	9/28 10/2	Altered Oxygenation (cont.) <i>Patho diagram homework due. Upload to D2L dropbox before class.</i>	Altered Perfusion pp Ch. 12	Altered Perfusion (cont.) 11,12
9	10/5 10/9	Altered Cardiac Output Ch. 12	Altered Perfusion related to Blood disorders Ch. 10	Altered Perfusion related to Blood disorders (cont.) Ch. 10
		FALL BREAK	10/10-10/18	
10	10/19 10/23	Exam 3 (content from exam 2 until current)	In class review Exam 3	Infections Chapter 6
11	10/26 10/30	Infections (cont)	In class Pathophysiology diagram test/Cancer Ch. 20	Cancer (cont.)
12	11/2 11/6	Genetics/Cell Ch. 21	Altered Metabolism Ch. 16	Metabolic Syndrome
13	11/9 11/13	Interrelatedness diagram practice (bring textbook)	Altered Reproduction Ch. 19, 22	Altered Reproduction cont'd
14	11/16 11/20	Exam 4 (content from exam 3 until current)	Altered Mood/Affect; Stress Ch. 26, 27, pp 377-380.	Altered Cognition Ch. 14 <i>Diagram HW due in D2L</i>
			Thanksgiving Break	
15	11/30 12/4	Altered Cognition cont'd 14	Interrelatedness diagram test	Exam 4 review
	12/7- 12/11	COURSE FINAL PER NURSING FINALS SCHEDULE		Final is cumulative

Course Inventory for ORU's Student Learning Outcomes
NUR 230—Pathophysiology
Fall 2020

This course contributes to the ORU student learning outcomes as indicated below:

Significant Contribution – Addresses the outcome directly and includes targeted assessment.

Moderate Contribution – Addresses the outcome directly or indirectly and includes some assessment.

Minimal Contribution – Addresses the outcome indirectly and includes little or no assessment.

No Contribution – Does not address the outcome.

The Student Learning Glossary at <http://ir.oru.edu/doc/glossary.pdf> defines each outcome and each of the proficiencies/capacities.

	OUTCOMES & Proficiencies/Capacities	Significant Contribution	Moderate Contribution	Minimal Contribution	No Contribution
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1	Outcome #1—Spiritually Alive Proficiencies/Capacities				
1A	Biblical knowledge				X
1B	Sensitivity to the Holy Spirit				X

2	Outcome #2—Intellectually Alert Proficiencies/Capacities				
2A	Critical thinking, Creativity & Aesthetic Appreciation	X			
2B	Global & Historical Perspectives		X		
2C	Information Literacy			X	
2D	Knowledge of Physical & Natural World		X		

3	Outcome #3—Physically Disciplined Proficiencies/Capacities				
3A	Healthy Lifestyle				X
3B	Physically Disciplined Lifestyle				X

4	Outcome #4—Socially Adept Proficiencies/Capacities				
4A	Ethical Reasoning & Behavior				X
4B	Intercultural Knowledge & Engagement			X	
4C	Written & Oral Communication			X	
4D	Leadership Capacity			X	