



NURS 350

Pathophysiology of Ineffective Human Responses

Spring 2010

Course Section: Online
Meeting Time and Place: Online
Course Credit Hours: 3 credit hours

Faculty / Course Coordinator

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- I. COURSE DESCRIPTION:** This lecture course builds upon foundations established in previous science and nursing courses with an emphasis on the culturally sensitive analysis of genetic, physiological and behavioral deviations associated with effective human adaptive responses that may be seen in compensatory and / or compromised health states.
- Course Prerequisites:** Consent of the student's advisor.
Course Pre- or Co-requisites: Nursing 241 or equivalent.
- II. COURSE OBJECTIVES:** Students who successfully complete NURS 350 will be able to:
1. Utilize the Roy Adaptation Model (RAM) nursing process to focus on the human adaptive system, as an individual or group, to a constantly changing internal and external environment.
 2. Identify ineffective coping mechanisms associated with the individual's or group's inability to maintain the integrity of the system.
 3. Synthesize theoretical principles of both general and nursing knowledge in nursing practice to promote adaptation of human persons, families, groups, communities, and society, as a whole.
 4. Incorporate knowledge of the interdependent relationship of physiologic, psychological, social, and physical factors when the human adaptive system is effective and ineffective.
 5. Evaluate physiological and behavioral deviations associated with ineffective human adaptive responses seen in selected compensatory and/or compromised health states in order to promote adaptation.
 6. Promote adaptation of human persons by using the nursing process of RAM in assessing behavior and stimuli, formulating nursing diagnoses, setting goals, planning intervention, and appropriate evaluation methods.
 7. Employ critical thinking skills to assess and promote adaptation of human persons in families, groups, communities, and society, as a whole.

III. TEXTS/MATERIALS FOR THE COURSE:

Huether, S. and McCance, K. (2008) *Understanding Pathophysiology*. (4th ed.) St. Louis, Missouri: Mosby, Inc.
E-Pack supplement (available with textbook if purchased through the LMU Bookstore)
(to order separately, contact instructor for ISBN Number)

IV. COURSE REQUIREMENTS

A. GENERAL REQUIREMENTS

1. Have adequate computer skills for full participation in an online course environment with utilization of Internet Resources.
2. Complete assignments from Blackboard course in the **Introduction Module** as directed.
3. Complete assignments in the twelve **N350 - Course Modules** as directed
 - 12 Unit Quizzes (one per module)
 - 12 Study Question Assignments (one per module)
 - 5 Weekly Assignments
4. Complete 2 in-class exams as directed.
5. Complete **Online Course Evaluation** as directed.

B. Course Responsibilities:

1. **Faculty member** has a responsibility to:

- treat students with respect.
- respond to the student in a thoughtful and timely manner.
- present course content in a manner conducive to learning.
- utilize appropriate evaluation tools to assess student's knowledge in a fair and impartial manner.
- assist student with setting up their personal computers to enable the Blackboard course to function properly.
- find assistance for students experiencing technical problems.

2. **Student** has a responsibility to:

- treat faculty and fellow students with respect in all course-related communication and activities.
- set-up personal computer browser and settings to enable Blackboard course to function properly.
- learn to navigate in the Blackboard environment.
- be accountable for his / her own learning.
- be an active, thoughtful participant in online discussions and activities.
- do your own work following University Policies regarding cheating and plagiarism
- complete assignments on time.

C. Methods of Evaluation / Grading Criteria

Introduction Module	= credit for completion
Unit Study Guide Assignments (12 units @ 1% each)	= 12% (completion required)
Unit Quizzes - 1 per each unit (12 units @ 1% each)	= 12% (completion required)
Weekly Assignments (5)	= 36%
- Pamphlet (with discussion) → 5%	genetic diseases (Unit 1 Module)
- Discussion Question (DQ) #1 → 5%	venomous bites article (Unit 2 Module)
- Case Study → 5%	cancer case study (Unit 3 Module)
- Paper → 16%	pathophysiologic process (Unit 6 Module)
- Discussion Question (DQ) #2 → 5%	diabetes article (Unit 9 Module)
Exam 1	= 20%
Exam 2	= 20%
Online Course Evaluation	= credit for completion

TOTAL = 100%

D. *Guidelines regarding all Course Assignments:

- Instructions / Criteria for all assignments will be included in the N350 Lesson Plan and / or appropriate module.
- Due Dates can be viewed on the Lesson Plan and Blackboard Site.
- All students are expected to complete and submit each assignment (quizzes, Study Guides, assignments, paper, exam, etc.) by 11:59 pm on the Expected Due Date.
- After the Expected Due Date the quiz / exam will not be available online, and the student will receive a ZERO for that quiz / exam.
- All other assignments will have a point deducted for each day that they are late.
- Graduating RN-BSN students will need to have all work and exams completed by University deadline.
- Graduating ASN students will need to have all work and their Final Exam completed by University deadline if the student wants the N350 grade to be included as part of their GPA at the time of graduation.

E. Rules regarding tests and examinations:

There will be 2 exams specific to N440 content. These exams will be taken in class according to the class schedule.

1. All students are expected to take exams as scheduled. Students are required to notify the faculty by phone prior to the scheduled exam time if they are not going to be present. Students are given faculty contact information in each NURS course syllabi and are expected to have it available at all times. If for any reason a message cannot be left for the faculty member via the contact information provided, it is the student's responsibility to contact the nursing office on campus (1-800-325-0900) and leave a message for the appropriate faculty member. **Any student that does not notify the appropriate faculty may receive a zero for the examination.**
2. A student must be approved by the faculty for an alternate exam.
3. All electronic devices (pagers, cell phones, PDA's, etc.), personal belongings (book bags, purses, coats) must be placed at the front of the room during exam times. Students may only bring pencils and a simple calculator into the exam room.
4. Ball caps or hats with any type of brim will not be allowed to be worn during exam administration.
5. Simple calculators are the ONLY calculators allowed during test time. Scientific calculators or those combined with cell phones, PDA's, or other electronic devices are not permitted. If a student presents to an exam with any calculator other than a simple calculator the faculty will collect the calculator and the student will be required to do mathematic calculations by hand only. Calculators collected prior to the exam will be returned after the exam is completed.
6. Editorial corrections will be given at the beginning of the exam. If corrections to the exam are needed once the exam has started, the faculty will interrupt the exam and announce the correction and also write it on the board.
7. Any student who has questions during the exam must raise his/her hand and stay seated.
8. The student must not leave his/her seat until the exam is finished, except for emergencies.
9. The exam will be timed. The time for exam booklets to be turned in and for class to resume will be written on the board. Any student entering late will be required to turn his/her exam at the same stated time.
10. After the exam is finished, the student has the following options:
 - a) Return to his/her seat, and remain quiet until class resumes.
 - b) Leave the classroom. (If the student chooses to leave the room, he/she may not reenter until class resumes.)
11. Nursing Faculty will review and score exams during the week after the exam is given. Student grades will be available and posted on Blackboard one week after the exam has been given.
12. Faculty reserve the right to correct any clerical error. This includes both increases and decreases to adjusted exam grades.
13. If a student wishes to challenge a question on an exam, the rationale must be put in writing and documented by page number in the textbook within one (1) week from the time of the test review. This documentation should be given or emailed to the faculty who taught the unit by the student challenging the test item.
14. It is the intention that on-line or take-home examinations be completed without any inappropriate help. Please consult your instructor if you do not understand what is allowed. Violations will subject the student to disciplinary actions.

(See *LMU CSON Undergraduate Nursing Student Handbook Online 2009-2010* for complete exam administration and review guidelines, pp. 26-28).

H. Grading Scale:

A	=	93 – 100
A-	=	90 – 92
B+	=	87 – 89
B	=	83 – 86
B-	=	80 – 82
C+	=	77 – 79
C	=	73 – 76
C-	=	70 – 72
F	=	Below 60

The minimal acceptable grade in **Nursing 450** is a "C" for the course. See the *LMU Student Handbook Online 2009-2010* or obtain one from the secretary of the Caylor School of Nursing.

A failing grade will result in a failing grade for the course. The student must attain an overall average of 73% to pass this NURS course with a "C". **There will be NO rounding of earned grades within the course and NO rounding of the final grade for the course.**

I. Incomplete Policy

Students are expected to complete all requirements as assigned during the semester. Incompletes are only given in extreme circumstances deemed by the instructor. If the request for an "I" is approved, the work must be completed within the first six weeks of the following semester (excluding summer terms); otherwise the grade automatically becomes "F". The grade of "I" is calculated in the grade point average with zero points.

V. METHODS OF INSTRUCTION:

- Online Lecture
- Powerpoint Presentations
- Assigned Readings
- Written Assignments
- Study Guide Completion
- Web Site Activities
- Journal Article analysis
- Case Studies
- Online Small Group Activities
- Read and Respond Discussions

VII. INFORMATION LITERACY / TECHNOLOGICAL RESOURCES:

A. BLACKBOARD

1. Grades will be posted on the Blackboard gradebook.
2. All course materials will be posted on Blackboard.
3. The student is responsible for checking Blackboard for course announcements.
4. For technical support with Blackboard problems, contact the IS Help Desk at the Main Campus (1-800-325-0900)

B. ELECTRONIC DATABASES

Electronic databases, accessed through the LMU library web page, should be utilized for information when preparing assignments for this course.

C. LMU EMAIL ACCOUNT:

Students are required and held accountable for checking their LMU email account on a regular basis. University offices, as well as faculty, will use this email address to correspond with the student throughout the semester.

VIII. UNIVERSITY POLICIES:

STUDENTS WITH DISABILITIES POLICY: As a rule, all students must read and comply with standards of the LMU Student Handbook and LMU catalog. Any student needing assistance in accordance with the Americans with Disabilities Act (1990 as amended) should contact the instructor and the LMU ADA Compliance Officer, Donna Treece-Paul, in order to make appropriate arrangements. Contact information: donna.treece-paul@lmunet.edu and/or 423-869-6251 (800-325-0900, ext. 6251). Office is located on the third floor of the Student Center.

DISCRIMINATION POLICY: Lincoln Memorial University is committed to maintaining study and work environments that are free from discriminatory harassment based on sex, race, color, national origin, religion, pregnancy, age, military status, disability or any other protected discriminatory factor. Sexual or other discriminatory harassment of its students is strictly prohibited, whether by non-employees (such as contractors or vendors), other students, or by its employees, and LMU will take immediate and appropriate action to prevent and to correct behavior that violates this policy. Likewise, students are strictly prohibited from engaging in harassing behavior directed at LMU's employees, its visitors, vendors and contractors. All students must comply with this policy and take appropriate measures to create an atmosphere free of harassment and discrimination. Appropriate disciplinary action, up to and including, as appropriate, suspension, expulsion, termination from employment or being banned from LMU properties, will be taken against individuals who violate this policy.

SCHOLASTIC DISHONESTY: LMU policies can be found at <http://www.lmunet.edu/campuslife/sthandbook/handbook.pdf>; *LMU Undergraduate Catalog 2009-2010*; LMU, Caylor School of Nursing, *Undergraduate Nursing Student Handbook 2009-10*).

It is the aim of the faculty of LMU to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present work as his/her own that he/she has not honestly performed is regarded by the faculty and the administration as a very serious offense and renders the offender liable to several consequences and possible suspension.

CHEATING: LMU prohibits dishonesty of any kind on examinations or written assignments. These include unauthorized possession of examination questions, the use of unauthorized notes during an examination, obtaining information during an examination from another student, assisting others to cheat, altering grade records, or entering any campus office without permission are instances of cheating.

PLAGIARISM: LMU prohibits offering the work of another as one's own without proper acknowledgment. Any student who fails to give credit for quotations or essentially identical material taken from books, magazines, encyclopedias, or other reference works, or from the themes, reports or other writings of a fellow student has committed plagiarism.

LMU'S INCLEMENT WEATHER POLICY: For information on inclement weather policy and class cancellations due to weather visit the LMU website: <http://www.lmunet.edu/curstudents/weather.shtml> or type "inclement weather" into the LMU search engine. Information on radio and TV listings is at the site.

Local radio and television stations will be contacted and every effort made to have morning or daytime cancellations posted/announced by 6:00 a.m., along with a recorded announcement on the LMU main campus telephone number: 423-869-3611. You may also check the above website for class cancellation notices.

In addition, check your LMU e-mail for any notices from the course faculty.

IX. LINCOLN MEMORIAL UNIVERSITY MISSION STATEMENT: <http://www.lmunet.edu/about/mission.html>.

X. CAYLOR SCHOOL OF NURSING MISSION STATEMENT:

In conjunction with the University's mission, the Faculty of the Caylor School of Nursing strives to instill responsibility and high moral/ethical standards in the preparation of quality nurses, at multiple levels of nursing education, through superior academic programs at the undergraduate and graduate level. Specifically, the mission of the Faculty is to prepare nurses with the ASN degree, the RN to BSN degree, and MSN degree, to assist individuals, families, communities, and society as they adapt to changes in physiological needs, role function, self-concept, and interdependent relationships during health and illness. The Caylor School of Nursing seeks to respond to the needs of nursing education and healthcare in the surrounding communities by preparing nurses at multiple levels and by providing continuing education/professional development opportunities that are rooted in knowledge, research, and other scholarly activities.

XI. IMPORTANT DATES IN THE ACADEMIC CALENDAR SPRING 2010

ACADEMIC CALENDAR SPRING 2010	
Registration and New Student Orientation	January 4
Classes Begin	January 5
Last Day to Complete Registration/Add Classes	January 13
Martin Luther King Day (<i>No Classes</i>)	January 18
Convocation (9:30am in session classes & resident students)	February 2
Lincoln Day/Founders Day (special activities)	February 12
Last Day to Drop Course Without "WD"	February 19
MID-TERM	February 22-26
Last Day to Drop Course Without "F"	March 10
SPRING BREAK (<i>No Classes</i>)	March 15-19
Early Registration Begins	March 29
Classes End	April 23
FINAL EXAMS	April 26-30
COMMENCEMENT (11am)	May 1

350 - Spring 2010 - CLASS SCHEDULE

UNIT	ASSIGNMENTS	ASSIGNED WEEK	FINAL DUE DATE
Introduction Module	-----	January 5 - January 10 January 11 - January 17	Monday, Jan. 25
Unit 1 Module (Genes and Cells)	- Study Guide - Quiz - Pamphlet	January 18 - January 24	Monday, Feb. 8
Unit 2 Module (Self-Defense)	- Study Guide - Quiz - Discussion Board	January 25 - January 31	Monday, Feb. 15
Unit 3 Module (Cancer)	- Study Guide - Quiz - Case Study	February 1 - February 7	Monday, Feb. 22
Unit 4 Module (Neuro)	- Study Guide - Quiz	February 8 - February 14	Monday, Feb. 22
Unit 5 Module (Endocrine)	- Study Guide - Quiz	February 15 - February 21	Monday, March 1
Unit 6 Module Hematologic	- Study Guide - Quiz - Paper	February 22 - February 28	Monday, March 1 (except paper)
EXAM 1	Unit 1 - Unit 6	St. Mary's - March 2 (8am) Harrogate - March 4 (11am)	-----
Unit 7 Module Cardiovascular)	- Study Guide - Quiz	March 1 - March 7	Monday, March 22 PAPER DUE
Unit 8 Module (Pulmonary)	- Study Guide - Quiz	March 8 - March 14	Monday, March 29
SPRING BREAK	-----	Week of March 15 - 21	-----
Unit 9 Module (GU)	- Study Guide - Quiz - Discussion Board	March 22 - March 28	Monday, April 5
Unit 10 Module (Reproductive)	- Study Guide - Quiz	March 29 - April 4	Monday, April 12
Unit 11 Module (GI)	- Study Guide - Quiz - Course Evaluation	April 5 - April 11	Monday, April 12
Unit 12 Module (MS / Skin)	- Study Guide - Quiz	April 12 - April 18	Monday, April 19
EXAM 2	Unit 7 - Unit 12	Either site - Tuesday, April 20th or Thursday, April 22nd	-----

N350 - Spring 2010 LESSON PLANS

- For lesson plan objectives, see objectives for each chapter.

Week 1 / 2 January 5 - January 17

- **Introduction Module**

> Blackboard / Course orientation assignments

- **Student Information Sheet**

> Computer Set-Up

> Accessing Course

- **Begin Unit 1 Module**

Week 3 - January 18 - January 24

- **Unit 1 Module** (open module for assignments)

> Chapter 1 - Cell Biology

> Chapter 2 - Genes and Genetic Diseases

> Chapter 3 - Altered Cellular and Tissue Biology

> Chapter 4 - Fluids and Electrolytes, Acids and Bases

- **Unit 1 Study Guide**

- **Unit 1 Quiz**

- **Unit 1 Assignment (Pamphlet #1- Genetic Diseases)**

Week 4 - January 25 - January 31

- **Unit 2 Module** (open module for assignments)

> Chapter 5 - Immunity

> Chapter 6 - Inflammation

> Chapter 7 - Hypersensitivities, Infection, and Immunodeficiencies

> Chapter 8 - Stress and Disease

- **Unit 2 Study Guide**

- **Unit 2 Quiz**

- **Unit 6 Assignment (DQ #1 - Venomous Bites / Stings)**

Week 5 - February 1 - February 7

- **Unit 3 Module** (open module for assignments)

> Chapter 9 - Biology of Cancer

> Chapter 10 - Tumor Spread and Treatment

> Chapter 11 - Cancer in Children

- **Unit 3 Study Guide**

- **Unit 3 Quiz**

- **Unit 3 Assignment (Case Study #1 - Cancer)**.....

Week 6 - February 8 - February 14

- **Unit 4 Module** (open module for assignments)
 - > Review Chapter 12 - Structure and Function of the Neurologic System
 - > Chapter 13 - Pain, Temperature, Sleep, and Sensory Function
 - > Chapter 14 - Concepts of Neurologic Dysfunction
 - > Chapter 15 - Alterations in Neurologic Function
 - > Chapter 16 - Alterations of Neurologic Function in Children
- **Unit 4 Study Guide**
- **Unit 4 Quiz**

Week 7 - February 15 - February 21

- **Unit 5 Module** (open module for assignments)
 - > Chapter 17 - Hormonal Regulation
 - > Chapter 18 - Alterations in Hormonal Regulation
- **Unit 5 Study Guide**
- **Unit 5 Quiz**

Week 8 - February 22 - February 28

- **Unit 6 Module** (open module for assignment)
 - > Chapter 19 - Structure and Function of the Hematologic System
 - > Chapter 20 - Alterations of Hematologic Function
 - > Chapter 21 - Alterations of Hematologic Function in Children
- **Unit 6 Study Guide**
- **Unit 6 Quiz**
- **Unit 6 Assignment (Paper)**

EXAM 1 (Covers Unit 1 Module - Unit 6 Module) - Date and Time on Class Schedule

(If the date or time of the exam conflicts with your other classes, please notify the instructor for an individualized arrangements)

Week 9 - March 1 - March 7

- **Unit 7 Module**
 - > Review Chapter 22 - Structure and Function of the Cardiovascular and Lymphatic System
 - > Chapter 23 - Alterations of Cardiovascular Function
 - > **Skip** Chapter 24 - *Alterations of Cardiovascular Function in Children*
- **Unit 7 Study Guide**
- **Unit 7 Quiz**

Week 10 - March 8 - March 14

- **Unit 8 Module**

- > Review Chapter 25 - Structure and Function of the Pulmonary System
- > Chapter 27 - Alterations of Pulmonary Function
- > Chapter 28 - Alterations of Pulmonary Function in Children

- **Unit 8 Study Guide**

- **Unit 8 Quiz**

SPRING BREAK March 15 - March 21

Week 11 - March 22 - March 28

- **Unit 9 Module**

- > Review Chapter 28 - Structure and Function of the Renal and Urologic Systems
- > Chapter 29 - Alterations of Renal and Urinary Tract Function
- > Chapter 30 - Alterations of Urinary Tract Function in Children

- **Unit 9 Study Guide**

- **Unit 9 Quiz**

- **Unit 9 Assignment (DQ #2 - Diabetes)**

Week 12 - March 29 - April 4

- **Unit 10 Module**

- > Review Chapter 31 - Structure and Function of the Reproductive System
- > Chapter 32 - Alterations of Reproductive Systems including STDs

- **Unit 10 Study Guide**

- **Unit 10 Quiz**

Week 13 - April 5 - April 11

- **Unit 11 Module**

- > Review Chapter 33 - Structure and Function of the Digestive System
- > Chapter 34 - Alterations of Digestive Function
- > Chapter 35 - Alterations of Digestive Function in Children

- **Unit 11 Study Guide**

- **Unit 11 Quiz**

- **Unit 11 Assignment (Course Evaluation)**

Week 14 - April 12 - April 18

- **Unit 12 Module**

- > Review Chapter 36 - Structure and Function of the Musculoskeletal System
- > Chapter 37 - Alterations of Musculoskeletal Function
- > Chapter 38 - Alterations of Musculoskeletal Function in Children
- > Chapter 39 - Structure, Function, and Disorders of the Integument
- > Chapter 40 - Alterations of the Integument in Children

- **Unit 12 Study Guide**

- **Unit 12 Quiz**

Week 15 - April 20 – April 26

- **EXAM 2 (covers Unit 7 Module - Unit 12 Module) - Date and Time on Class Schedule**

(If the date or time of the exam conflicts with your other classes, please notify the instructor for an individualized arrangements)

Week 16 - April 27 – May 3

- **Completion of all assignments** for ASN students who want this course figured into GPA for graduation and graduating RN-BSN students ... *(last due date - Monday, April 26)*
- **Completion of all exams and assignments** for ASN and RN-BSN students who aren't graduating *(last due date – Sunday, May 2)*