NUR 805:
Pathophysiology for Advanced Practice Nursing

Course Syllabus Summer 2007

Credits: 3 (3-0)

ANGEL On-line Format

Course Description
Alterations of various physiological systems. Pathophysiology of frequently encountered primary care conditions across the life span and special populations. In-depth case analysis of risk factors, pathophysiological changes, and associated clusters of signs and symptoms. Pathophysiological theories and research as a basis for advanced practice nursing.

Course Objectives
At the conclusion of this course, the student will be able to:

1. Analyze the etiology and pathophysiological alternations associated with selected common primary care conditions across the life span.

2. Examine relevant theories and research as a basis for explaining the pathophysiological changes associated with common conditions in primary care.

3. Discuss the pathophysiological basis for development of clinical manifestations in selected common primary care conditions.

4. Discuss the issues and considerations associated with the pathophysiological changes in special populations.

5. Apply the pathophysiological principles to case situations as a basis for advanced practice nursing.

Prerequisites
Basic undergraduate pathophysiology course; enrolled in a graduate nursing program
**Course Faculty**

Linda J. Keilman, MSN, APRN, BC, GNP  
Assistant Professor  
Gerontological Nurse Practitioner  

*Faculty of Record*  
A126 Life Sciences Building  
Office Hours Arranged  
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Laura M Freidhoff, MD  
Assistant Professor  
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Office Hours Arranged  
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freidhla@msu.edu

**Learning Methodologies**

This online ANGEL course is built on a weekly framework of material including: guidepost and introduction to the week’s content, objectives, textbook readings, occasional required readings outside of the assigned text, quizzes, weekly reaction activity or discussion question (participation/engagement) & a final exam.

This course is not based on a self-paced learning model. Although assignments may be completed at any time during the week they are due, ALL materials need to be posted by 2355 (11:55 pm Eastern Standard Daylight Savings Time) on Saturday evening of each week.

As adult learners, it is expected that students will do relevant reading and study for the identified weekly topics. The expectation is that you will be prepared to participate/engage in the weekly discussions and do so throughout the week. It is expected that students will search literature outside of the assigned readings and suggest/share relevant findings with faculty and classmates.

**Required Textbooks**

The required pathophysiology text for the course is McCance & Heuther (2006). You are also required to purchase the APA Manual or the alternative rule book we are offering. See below!


**Grading**

Grades will be determined by adding all of the course activities together and arriving at a specific number (point total). The MSU 4.0 grading system will be utilized to report final course grades. Points will be rounded to whole numbers using the 0.5 rule. Points at ≥ 0.5 will be rounded up while those < 0.5 will be rounded down to the nearest whole number.

The following point scale will be used for final grade determination:

<table>
<thead>
<tr>
<th>LOW</th>
<th>HIGH</th>
<th>%</th>
<th>GRADE</th>
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</thead>
<tbody>
<tr>
<td>243</td>
<td>258</td>
<td>94 – 100</td>
<td>4.0</td>
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<tr>
<td>224</td>
<td>242</td>
<td>87 – 93</td>
<td>3.5</td>
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<td>206</td>
<td>223</td>
<td>80 – 86</td>
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<td>194</td>
<td>205</td>
<td>75 – 79</td>
<td>2.5</td>
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<tr>
<td>181</td>
<td>193</td>
<td>70 – 74</td>
<td>2.0</td>
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<tr>
<td>168</td>
<td>180</td>
<td>65 – 69</td>
<td>1.5</td>
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<tr>
<td>155</td>
<td>167</td>
<td>60 – 64</td>
<td>1.0</td>
</tr>
<tr>
<td>154</td>
<td>Below 60</td>
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<td>0.0</td>
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Point Determination Will Be As Follows:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Number</th>
<th>Totals</th>
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</thead>
<tbody>
<tr>
<td>Introduction of Self</td>
<td>2</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Review Quiz (effort)</td>
<td>2</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Quiz</td>
<td>20</td>
<td>5</td>
<td>100</td>
</tr>
<tr>
<td>Participation (Reaction to Weekly Question)</td>
<td>5</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>Final Examination</td>
<td>100</td>
<td>1</td>
<td>100</td>
</tr>
<tr>
<td>Midterm Evaluation of course &amp; faculty</td>
<td>2</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Final Evaluation of course &amp; faculty</td>
<td>2</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td>258</td>
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</tbody>
</table>
**Evaluation**

Evaluation strategies used may include: your reaction to the question of the week, quizzes, examination, active and positive weekly contribution, student activities, written assignments and online discussions.

Active, relevant, professional and ethical participation is expected. Each student will be evaluated ongoing during the semester.

Students must complete *every* assignment in order to pass NUR 805. It is not an option to not complete an assignment. *Any assignment not completed will result in a 0.0 in the course.*

If a student has an emergency situation, the expectation is the course faculty will be contacted prior to the assignment due date to make alternative arrangements.

**Writing Requirement**

It is expected that students will engage in academic, scholarly dialogue on the discussion board. The minimum expectation for writing is at a graduate level. APA format is essential for citations of work and a reference list is required. For more information about APA requirements, and writing expectations, please go to the course in ANGEL, Course Documents, and APA Guidelines.

**Access to ANGEL**

You can access the class by going to http://angel.msu.edu. The course will not open until the 1st day of the summer semester: **May 14, 2007 @ 0800** (Eastern Standard Daylight Savings time).

Technical problems with the use of ANGEL should be referred to the ANGEL help desk & not emailed to course faculty. The toll free ANGEL help line number is 1-800-1554 (North America and Hawaii), and the local campus area number is 1-517-355-2345.

**Academic Integrity**

Academic integrity is a minimal expectation of this course. *Academic dishonesty in any form will not be tolerated.* Any student involved in academic dishonesty will be reported to the Office of Student Support Services and the Office of the Academic Affairs in the College of Nursing and a grade of 0.0 may be issued for the course.
Lectures, quizzes and examinations must remain the property of the College of Nursing and must not be copied from the internet. According to university policy, consequences for academic dishonesty may include failure of the course, expulsion from the major, or expulsion from the university.

Online discussions and exercises are confidential and should not be discussed with others who are not enrolled in the class. It is important for each course participant to express his/her ideas. All ideas need to be respected in discussions and exercises. Any “group projects” that are required, still require individual work as a minimal expectation. Any submission that is deemed unprofessional, negative or inflammatory may be deleted by faculty.

For further information you can access any of the following sites:

- Academic Integrity resource at MSU
  [http://www.msu.edu/unit/ombud/RegsOrdsPolicies.html](http://www.msu.edu/unit/ombud/RegsOrdsPolicies.html)
- MSU Spartan Life Student Handbook and Resource Guide
- Information for Current Students – including Rights, Responsibilities and Regulations for Graduate Students
  [http://www.msu.edu/current/index.html](http://www.msu.edu/current/index.html)
- International Studies and Programs
  [http://www.msu.edu/international/index.html](http://www.msu.edu/international/index.html)

**MSU Academic Integrity Policy:** Article 2.3.3 of the Academic Integrity resource states that "The student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards." In addition, the College of Nursing adheres to the policies on academic honesty as specified in General Student Regulations 1.0, Protection of Scholarship and Grades; the all-University Policy on Integrity of Scholarship and Grades; and Ordinance 17.00, Examinations. (See Spartan Life: Student Handbook and Resource Guide and/or the MSU Web site: [www.msu.edu](http://www.msu.edu).) Therefore, unless authorized by your instructor, you are expected to complete all course assignments, including homework, lab work, quizzes, tests and exams, without assistance from any source. You are expected to develop original work for this course; therefore, you may not submit course work you completed for another course to satisfy the requirements for this course. Also, you are not authorized to use the [ww.allmsu.com](http://www.allmsu.com) web site to complete any course work in NUR 805. Students who violate MSU rules may receive a penalty grade, including - but not limited to - a failing grade on the assignment or in the course. Contact your instructor if you are unsure about the appropriateness of your course work. (See also [http://www.msu.edu/unit/ombud/honestylinks.html](http://www.msu.edu/unit/ombud/honestylinks.html))
Class Attendance

Class attendance (in an on-line, virtual capacity), or presence, is considered the responsibility of the student and is an essential and intrinsic element of the academic process. Points will be earned each week for active participation. Lack of participation is not acceptable.

A student’s absence from class does not relieve him/her from responsibility for punctual fulfillment of any course requirement including participation/engagement. Faculties are not under any obligation to repeat a test, teaching or information given which was missed because of discretionary absence. Each faculty has the responsibility of informing students of what portion of your final grade is determined by regular class attendance. In this course, weekly participation/engagement is considered mandatory and the student may earn up to 5 points each week.

MSU Attendance Policy: Students whose names do not appear on the official class list for this course may not attend this class. Students who fail to attend the first four class sessions or class by the fifth day of the semester, whichever occurs first, may be dropped from the course.

Professionalism

Preparation for the professional advanced practice of nursing requires more than the acquisition and application of knowledge. Therefore, in addition to the academic standards listed, the student must demonstrate:

1. Appropriate interpersonal relations and communication with peers, faculty and MSU College of Nursing staff;
2. Responsible fulfillment of class obligations; and
3. Honesty and integrity in all academic and professional matters.

Failure to meet any of the above criteria may result in the student earning a grade of 0.0 for the course.

College of Nursing policies regarding Professional Development Guidelines are found in CON Student Handbooks at the CON website. Students are responsible for the information found in the MSN CON Student Handbook.

MSU Accommodations for Students with Disabilities Policy: Students with disabilities should contact the Resource Center for Persons with Disabilities to establish reasonable accommodations. For an appointment with a disability specialist, call 353-9642 (voice), 355-1293 (TTY), or visit MyProfile.rcpd.msu.edu
MSU Disruptive Behavior Policy: Article 2.3.5 of the Academic Freedom Report (AFR) for students at Michigan State University states: "The student's behavior in the classroom shall be conducive to the teaching and learning process for all concerned." Article 2.3.10 of the AFR states that "The student has a right to scholarly relationships with faculty based on mutual trust and civility." General Student Regulation 5.02 states: "No student shall . . . interfere with the functions and services of the University (for example, but not limited to, classes . . .) such that the function or service is obstructed or disrupted. Students whose conduct adversely affects the learning environment in this classroom may be subject to disciplinary action through the Student Faculty Judiciary process.

Disruption for an on-line course environment includes submissions in the discussion board or weekly chat that are inflammatory, disrespectful or negative. If faculty deem a student's words to be unacceptable, the submission will be deleted and the student contacted by faculty.

Library Information

- Library Services: [http://www.lib.msu.edu/services](http://www.lib.msu.edu/services)
- MSU Library: [http://www.lib.msu.edu](http://www.lib.msu.edu)
- Proxy server: To access MSU library resources from an off-campus site, you must set up a proxy server. Directions to set up a proxy server are at: [http://techbase.msu.edu/viewpathfinder.asp?id=2507](http://techbase.msu.edu/viewpathfinder.asp?id=2507)

Access to Faculty

In a regular classroom setting, faculty are generally available to meet with students before or after class, during scheduled office hours, or if an appointment is made. In an online course setting, faculty is available to answer questions in a different manner. It may take up to 72 hours for faculty to respond to your questions – especially after 5:00 pm (1700), excluding weekends and holidays.

Faculties are not online 24 hours a day, 7 days a week. Expect a reasonable response time for your questions. Do not wait until the last minute to ask an important question – plan ahead! Please write email in complete sentences; your emails are considered professional communication. Remember, you are not internet messaging to a friend. If you would like to make an appointment to meet face to face, please contact the faculty or record (course chair) – Linda Keilman.

*The course will open May 14, 2007 @ 0800*
Additional information related to the course can be found in ANGEL beginning May 14, 2007