

PATHOPHYSIOLOGY

NUR 300 Sections 001 and 002

4 Credits

Section 001: Monday and Wednesday 10:20am – 12: 10 pm

Section 002: Monday and Wednesday 12:40 – 2:30

A219 Clinical Center

Spring 2009

Catalog Course Description: How disrupting normal structures and functions of the human body leads to disease processes from the cellular to the multi-system level. Critical examination of the mechanisms underlying signs and symptoms.

Course Objectives: At the end of this course, students will:

1. Based on prerequisite knowledge of normal structure and functioning of the human body, identify and describe abnormal physiological disorders in the human population.
2. Explain how disease affects and is manifested in the interrelated systems of the human organism.
3. Explain the physiological basis for signs, symptoms, and diagnostic test results associated with disorders affecting the human organism.
4. Explain operative compensatory mechanisms in selected disorders.
5. Describe current biological theories regarding the causes, mechanisms, and signs and symptoms of selected disorders.
6. Recognize societal implications of and ethical issues involved with prevention, diagnosis, and treatment of given disorders.
7. Explain how a given preventive strategy or treatment might block, alter, or reverse the course of selected disorders affecting the human organism.
8. Describe the interactions between genetic and environmental factors in the development of a given disorder.

Additional Course Objectives: Think critically about the human body.

MY NUR300 COURSE GOALS

My grade goal for NUR300 is _____

In addition to earning a grade, I hope to _____

Prerequisites: (ANTR 350) and (PSL 310 or PSL 250)

Co-requisites: None

Professional Standards & Guidelines: The curriculum is guided by the following documents:

American Association of Colleges of Nursing (1998). *The essentials of baccalaureate education for professional nursing practice*. Washington, DC: Author.

American Nurses Association (2001). *Code of ethics for nurses with interpretive statements*. Washington, DC: Author ISBN 1-55810-176-4

American Nurses Association (2004). *Nursing: Scope and standards of practice*. Washington, DC: Author ISBN 1-55810-215-9

American Nurses Association (2003). *Nursing's social policy statement (2nd ed.)*. Washington, DC: Author ISBN 1-55810-214-0

Faculty: Laura Friedhoff, MD
Email: freidhla@msu.edu
Office Phone: 517.432.8309
Office Location: A202 Life Sciences

Office Hours: I am always willing to work with students before and after each section on most days. Available by appointment on some Friday mornings 8-1130am. Please see me before or after class to schedule an appointment rather than bounce emails to coordinate a time.
Note: Times can be arranged to accommodate student schedules if necessary.

Instruction:

a. Required Texts:

Porth, CM. (2005). *Pathophysiology: Concepts of Altered Health States* (7th ed.). Philadelphia, PA: Lippincott Williams and Wilkins. ISBN 0-7817-4988-3

Prezbindowski, KS. (2005). *Study Guide to Accompany Porth's Pathophysiology: Concepts of Altered Health States* (7th ed.). Philadelphia, PA: Lippincott Williams and Wilkins. 2005. ISBN 0-7817-5097-0

Optional Texts: None

b. Required Resources, References, Supplies:

ANGEL Help Line
1.800.500.1554 (24 hrs, 7 days/week)
517.355.2345 (24 hrs, 7 days/week)
www.angel.msu.edu (ANGEL Help link in upper right corner)
Always check with the ANGEL Help Line first!

Students need reliable access to the **ANGEL course management system**. www.angel.msu.edu See ANGEL Help for recommended browsers. Students also need recent version of **Adobe Reader** to download and access PDF documents. If you have problems accessing any files on ANGEL, **always call the ANGEL Help Line**. They can answer any ANGEL-related questions.

Because of the technical language of pathophysiology, students will often need to use a **medical dictionary**. You are expected to look up words that you do not know. You can access 2 medical dictionaries for no fee via the MSU Libraries Home Page. www.er.lib.msu.edu (E-resources STAT!REF or “medical dictionary” title search). See Taber's Cyclopedic Medical Dictionary or Stedman's Medical Dictionary. These are the dictionaries endorsed by the CON BSN curriculum and are also available for purchase at many bookstores.

Students may purchase a **course pack** (includes Topics List, unit objectives and printouts of PowerPoint slides 6 per page, double sided—usually less than \$20) **OR download** the same course materials from ANGEL. Due to ink costs and time required, some students find it less helpful to print from ANGEL than to purchase a course pack. Other students prefer the flexibility of printing different numbers of slides per page or downloading the PDFs to a laptop. Due to copyright laws, a few images are missing from the course pack. All images are available on ANGEL and most are images from your text.

The most reliable place to purchase NUR texts locally is in the medical bookstore in Fee Hall basement. Or, students may order the texts and the course pack online through Spartan Bookstore. www.spartanbook.com Click on “textbooks” and enter “NUR 300” for Spring 2009. The text and workbook prices are discounted slightly if purchased as a package rather than as separate pieces, but the package may not be available used.

Additional course materials and handouts will be posted on ANGEL throughout the semester.

NUR 300 Materials Check List:

- Reliable ANGEL access (add the URL to your browser favorites)
- ANGEL Help Line (add the phone # to your contact list)
- Adobe Reader
- Porth Text
- Prezbindowski Study Guide
- Medical Dictionary
- Course Pack (or same documents downloaded from ANGEL)

Grading:

Course Grading Scale: The standard College of Nursing grading scale will be utilized.

%	GRADE
94-100 %	4.0
93-89%	3.5
88-84%	3.0
83-79%	2.5
78-75%	2.0 (Minimum passing grade)
74-704%	1.5
69-65%	1.0
<64%	0.0

“Final Course Grades will not be rounded.”

University & College Policies:

The College of Nursing expects that students will demonstrate professional behavior in all situations. Specific expectations for clinical and other professional venues can be found in the appropriate handbook. You are responsible for reviewing and acting in accordance with the policies and procedures found in the following sources, including the following topics: Professionalism, Academic Integrity, Accommodations for Students with Disabilities, Disruptive Behavior, Attendance, Compliance, and Progression.

- CON Student handbook <http://nursing.msu.edu/handbooks.asp>
- MSU Spartan Life Student Handbook and Resource Guide <http://www.vps.msu.edu/SpLife/index.htm>
- Information for Current Students—including Rights, Responsibilities and Regulations for Students <http://www.msu.edu/current/index.html>
- Academic Programs <http://www.reg.msu.edu/UCC/AcademicPrograms.asp>.

PATHOPHYSIOLOGY

NUR 300 Sections 001 and 002

4 Credits

Section 001: Tues, Thurs 8:00 – 9:50am

Section 002: Tues, Thurs 10:30 – 12:10pm

A219 Clinical Center

Fall 2008

Additional Course Content

Learning Assessments and Grading:

NUR300 this semester mostly utilizes a large group lecture format with small group in-class exercises. Students are expected to attend lecture, participate, read designated sections in the text (please see “Topics List” in the Course Info folder on ANGEL) and to complete workbook (ie. study guide) assignments which are not graded (see Course Calendar). The ANGEL course management system is also used for quizzes, handouts, announcements, student-student communication and student-professor communication. Quizzes and exams are scheduled as specified in the Course Calendar.

If you have problems accessing any files on ANGEL, call the ANGEL Help Line: 1.800.500.1544 or 517.355.2345 (24/7!) rather than contacting the instructors.

Students are responsible for checking the accuracy of grades posted in ANGEL (under Reports Tab). You should also **keep printed records** of your quiz and exam grades. As with all CON courses, NUR 300 uses the *standard College of Nursing grading scale* and a student must earn $\geq 75\%$ (2.0) to receive credit towards the nursing major.

Assessment Item	Approximate # of Questions*	Time to Complete	Weight (% of Course Grade)
4 of 5 Quizzes	20	35min	5% each (20% total)
4 of 5 Exams	55-75	1hr 50min	15% each (60% total)
Final Exam	90-100	2hrs	20% & required

*The details of each exam including question # breakdown/unit will be announced in ANGEL the week before each exam. It is students’ responsibility to regularly check announcements.

How to calculate your grade in the course at any given time:

Note that it is the *college-wide undergraduate policy* to use the same grading scale and not to round course grades. Calculate your grade based on both the weighting as specified above and the % that's been available to earn so far.

$$(\text{quiz } 1\% \times .05) + (\text{quiz } 2\% \times .05) + \dots + (\text{exam } 1\% \times .15) + (\text{exam } 2\% \times .15) + \dots = \text{weighted } \%$$

Add all those up, divide by the total % that's been available so far (eg. 60% after 3 quizzes and 3 exams), and x100 to make it a %.

For example: Say weighted % = 50.137%
 $50.131 / 60 \times 100 = 83.5\% = 2.5$

The lowest quiz score and the lowest exam score are dropped to give each student leeway for mistakes and for personal emergencies. We all have bad days! *However, you should assume that every quiz and exam score will count until the end of the course.* You never know when an emergency might come up or what content you will struggle with most.

How to calculate what you need to score on the final exam to earn a specific course grade:

$(\text{weighted}\%) + (\text{final exam}\% \times .2) = \text{course grade } \%$

First, calculate your weighted% (by adding each weighted quiz% and exam% as outlined above) *with the lowest quiz score and lowest exam score dropped*. Second, plug in the lowest % possible for the course grade. (e.g. 3.5 would be 89%) Then, do a little algebra and **solve for final exam%**.

For example: $(\text{quiz } 1\% \times .05) + \dots (\text{exam } 1\% \times .15) + \dots = \text{weighted } \%$

Then, $(\text{weighted}\%) + (\text{final exam}\% \times .2) = 89\% = 3.5$

Communication:

If you have questions about ANGEL or experience any ANGEL-related problems including technology problems during a quiz call the ANGEL Help Line immediately: 1.800.500.1544 or 517.355.2345 (24/7!). You can also access ANGEL Help online from www.angel.msu.edu (ANGEL Help link in upper right corner). If you have problems during a quiz, please send me an email in addition to calling the ANGEL Help Line immediately.

Questions about **content** and **course details** should be posted on the appropriate ANGEL **discussion board**, NOT emailed to instructors. This helps minimize the number of times we have to e-respond to the same question and also enhances group learning. Examples of appropriate **Content Discussion Board questions** are: “I understand that patients in diabetic ketoacidosis have a low pH due to..., but why do they have an increased respiratory rate? Does it have something to do with compensation? On page ...of Porth, it states...” Examples of appropriate **Course Logistic Discussion Board questions** are: “I took the first quiz but don’t see my grade recorded under the Reports tab. Is anybody else having the same problem? I called the Help Line and they weren’t sure why this was happening.” and “Dr. Freidhoff said the answers for the DM worksheet would be posted, but I don’t see them. Can somebody tell me where they are?” Questions will be answered within about **24-48 hours, excluding weekends and holidays**. I encourage student responses to student questions. Please use the discussion board as a dialogue space! Please do not post questions about quiz questions while a quiz is open.

Guidelines for Discussion Board Posting:

First, *read the course text because you will most often be able to answer your own question*. Students need to become comfortable using dense scientific resources in order to develop habits as lifelong learners. This should be reflected in your posted question.

To get the most appropriate response to your content discussion board questions and to make it easy to go back and review old postings, please include:

1. the unit and objective # in the **subject**, if the question is based on an objective (e.g. CV I obj #6)
2. your **understanding** (e.g. I understand that an atherosclerotic plaque can break open and cause a thrombus to form which blocks blood flow.)
3. your **question** and *where you looked in the text for an answer* (e.g. How does this relate to the sequelae? I’m confused by...in Porth on page...)
4. a **new post for each question**; don’t ask multiple questions in one post
5. please post on the **appropriate board** (eg. course content discussion board, not course logistics)

Each content discussion board will close at 10am on the day of the scheduled exam. These boards will be reopened near the end of the semester for review.

Please contact the instructors via **email** with questions about **other course issues**. If it is not of a personal nature, please see Dr. Freidhoff before or after class rather than emailing. An example of appropriate an email questions is: “I have a family tragedy and I just don’t know if I can finish the course. How do I get an incomplete and finish the course later?” If scheduling an appointment, please include 3 times you are available to meet with preference to office hours so we do not bounce 5 emails to schedule one appointment.

Please keep in mind that servers may be slow and email messages might not be received immediately. *If the instructor does not respond within 24-48 hours, please resend your message!* Email will be answered within about **24-48 hours of when they are received, excluding weekends and holidays**. Voice mail is NOT a reliable source of communication.

Course Announcements will be made in class and some will be posted on ANGEL throughout the semester, NOT sent via email. It is the students' responsibility to regularly attend class and to check ANGEL for announcements and updates.

Course Policies:

Quizzes:

Students are expected to take all quizzes online as scheduled. They can be found during their open times in the Quizzes folder under the Lessons Tab. (Please see Evaluation and Grading Scale for grading specifics and Course Calendar and for quiz dates and times.) Since the lowest quiz score is dropped, students may NOT make up quizzes for *any* reason. If a student is unable to take an online quiz for any reason (*including but not limited to technology problems/errors, family emergency, and illness*) the missed quiz will count as the dropped score. If more than one quiz is missed, a student will be given a score of zero for each additional missed quiz. Students are strongly urged to plan ahead and to take all quizzes regardless of current circumstances. Students should take all quizzes on a secure, high-speed web connection on campus to avoid technology problems. If a quiz is disrupted due to campus-wide ANGEL or server problems, the open time will be extended. Please see Communications above for what to do in the event of ANGEL problems during a quiz.

Think of the quizzes as learning tools, not just as assessment tools. You are encouraged to work together and to use notes and the text. Quiz and exam difficulty are similar. Use the quizzes as a way to gauge your understanding of content. Preparing for a quiz as you would for an exam will help you know whether you are studying adequately and gaining an appropriate understanding prior to taking an exam.

Each quiz will cover all topics listed on the course calendar since the previous exam, including the unit listed on the same day the quiz opens. (e.g. Quiz 2 includes WBC Disorders, Pain, Inflammation & Healing, and Immune Disorders.)

All quizzes are closed. This means that any student wishing to view a quiz after taking it needs to make an appointment with the instructor (see faculty information on page 2).

Exams (excluding Final Exam):

Students are expected to take all exams as scheduled during class meetings. (Please see Evaluation and Grading Scale for grading specifics and Course Calendar and for exam dates and times.) Note that both sections test during common times on scheduled Fridays as approved by the Office of the Registrar and as shown on MSU's enrollment system. Students must show current MSU Student ID to be admitted to the testing room. *Failure to show current MSU Student ID to be admitted to the testing room. **Failure to show current MSU Student ID may result in a 0.0 on the exam.*** Additional exam policies and procedures are posted on ANGEL. All exams are closed book, closed notes. Students need to arrive sufficiently early to allow for check in. Any student NOT checked in by the start time will need to wait until exams are passed out. Students arriving late will have the remaining time to complete the exam. Since the lowest exam score is dropped, students may NOT make up exams for *any* reason. If a student is unable to take an exam for any reason (*including but not limited to family emergency or illness*) the missed exam will count as the dropped score. If more than one exam is missed, a student will be given a score of zero for each additional missed exam. Students are strongly urged to take all exams regardless of current circumstances. Any breach of course, college or university policy may result in an exam and/or course grade penalty up to a 0.0 in the course.

Each exam will cover all topics listed on the course calendar since the previous exam. (e.g. Exam 2 includes WBC Disorders, Pain, Inflammation & Healing, Immune Disorders, Cardiovascular Disorders I and Cardiovascular Disorders II.)

All exams are closed. This means that any student wishing to view an exam after taking it needs to make an appointment with the appropriate instructor (see faculty information on page 2). Students may also view an exam if the exam was missed. There will be a short **exam debrief** after the lecture that follows an exam. If you plan to

attend the exam debrief after class, you need to bring your printout from the scoring office that indicates which questions you missed. Exam debrief policies will be posted on ANGEL and explained at each debrief.

Final Exam:

All students are required to sit for the Final Exam as scheduled to pass the course. Students must show current **MSU Student ID** to be admitted to the testing room. *Failure to show current MSU Student ID may result in a 0.0 on the Final.* Students need to arrive sufficiently early to allow for check in. Any student not checked in by the start time will need to wait until exams are passed out. Students arriving late will have the remaining time to complete the exam. All exam policies apply to the final exam.

According to University policy, the only students able to schedule an alternative final are those who have 3 finals scheduled on the same day (NUR300 and two others), or 2 finals with overlapping times—both very rare circumstances. Students must supply documentation by March 4. Documentation includes: syllabus from the conflicting course, course schedule from StuInfo, and dates/times of all other final exams. Students with documented conflicts will take the NUR300 final on an alternative date and time determined by the Course Chair.

Link to MSU's Academic Calendar through Office of the Registrar:

<http://www.reg.msu.edu/ROInfo/Calendar/Academic20082009.asp>

The Final Exam is cumulative, and the best way to prepare for a cumulative final is to stay focused and on-task throughout the semester. As you create your study tools, you may want to label them with the corresponding objective #. The Final Exam is closed book, closed notes. A focused Final Exam Objectives List will be posted on ANGEL near the end of the semester.

Accommodations for Students with Disabilities:

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.

Disruptive Behavior:

Please keep in mind your future as health care professionals, and treat our virtual and physical classroom space as you would any other professional setting. This includes being mindful of your communication style, both verbal and written. Asking content-related questions during lecture is highly encouraged. If you have a question, chances are many other students have the same question and will be grateful if you ask it! Please use the discussion board regularly for questions and be mindful of “netiquette”—basically a set of social guidelines for cyber-interaction, the most important of which emphasize respecting the people behind the computers. Please remember to follow the Discussion Board Guidelines discussed under the syllabus section on Communication.

Disruptive in-class behavior, as interpreted by the instructor or by other students, will not be tolerated. This includes but is not limited to coming to class late or leaving class early, working crossword puzzles, reading the newspaper, sleeping, talking to other students, and using a cell phone. Disruptive students will definitely be called out and may be asked to leave the classroom. If you have a question, please raise your hand and ask rather than chat with a nearby student so we can all benefit from your curiosity!

Attendance:

Although attendance is not required in NUR 300, it is required for all future NUR courses if you are admitted to one of the BSN programs. Students whose names do not appear on the official class list for this course may not attend this class. For additional information, please see the [University attendance policy](#) and the [Attendance Policy, Excused Absences and Make-up Work](#) on the Ombudsman's Web site. This site includes discussion of student observance of major religious holidays, student-athlete participation in athletic competition, student participation in university-approved field trips, medical excuses and a dean's drop for students who fail to attend class sessions at the beginning of the semester.

For additional help:

Students who are either failing (i.e. <2.0) *or who are not performing to their personal expectations* at any time during the semester should seek help from one or more of the following sources:

1. Dr. Freidhoff
2. CON Office of Student Support Services. 1.800.605.6424 or 517.353.4827
3. Jessica DeForest, MSU Learning Resources Center 202 E. Bessey 517.355.2363. Jessica is particularly good at helping students with study skills and with test taking skills! Please let Dr. Freidhoff know if you are meeting with her.

NUR 300: PATHOPHYSIOLOGY

Course Calendar Spring 2009

WEEK # & DAY	DATE	TOPIC (Lecture, Quiz, Exam)	WORKBOOK ASSIGNMENTS
1 Monday <i>Make sure you are officially enrolled for the course by Jan 12 or MSU may charge you a \$50-100 late enrollment fee. It's worth double checking!</i>	January 12	Orientation <ul style="list-style-type: none"> • in class Cellular Adaptation <ul style="list-style-type: none"> • the first lecture Also: <ul style="list-style-type: none"> • become adept at navigating ANGEL & accessing files • take the practice quiz • carefully read the syllabus • put all your spring activities—including info from this course—on one master calendar 	Ch1: C3, D1 b-c Ch4: A1, A5, A8, A9, A10 c, A12, B1 a b e, C1 Ch5: A2-A5, A10, B2 a-b, B7-B11, B13, B14, B16 Ch6: A1, A3 a-d, A4 (omit b g), A5, A6 a-b, B1, B2, C1, C3 (omit d) Some students save the <u>study guide assignments listed in this column until a day or two before the exam so they can use it as a knowledge test and review; find what works for you.</u> In addition to the study guide assignments, you will likely find it helpful to work through the <u>objectives</u> posted in each unit folder under the Lessons Tab on ANGEL. I suggest finishing the objectives for one lecture before continuing to the next. Each quiz and exam item can be traced back to at least one objective. For <u>reading assignments</u>, please follow the “Topics List” posted on ANGEL in the Course Info folder (also included in the course pack if purchased).
1 Wednesday	January 14 <i>1/16: last day for open add</i>	Neoplasia	Ch4: D1, D2 (on differentiation vs proliferation) Ch8: A2, A6, A7, B1, B2 b-d, B3, B4, B6, B7 (see text Fig 8-6), B8, B9, C1, C2, C4, C5, D1, E4
2 Monday	January 19	MLK Day – “A day ON, not a day OFF.” www.mlkday.gov	Also called the King Day of Service. Please participate in some of the many campus-wide service and diversity events!
2 Wednesday	January 21	Hematopoiesis & Hemostasis Quiz 1 (see syllabus for details) Opens: 2pm Mon Jan 21 Closes: 8pm Tues Jan 22 (Since you have one login and 35 minutes for each quiz, you must login by 725pm ANGEL time or your quiz	Ch14: A2, A3 a, A5, A6 (omit b) Ch15: A1, A2, A3 (omit c e), A4, A5 b-c, A6, A9 a-b, B1-B3, B4 a-b, B5, C1, C2 a c, C4 (omit c), C5, C6 <i>You are responsible for doing the RBC phys review on ANGEL before class on Monday. We'll use knowledge of normal RBC physiology in our class discussions and students will be asked for</i>

		will be cut short. Please keep this in mind for all quizzes.)	answers. Note Exam 1 comes up quickly so prep over the weekend!
3 Monday	January 26	RBC Disorders	Ch16: A1, A3, A4 (omit a), A5, A8-A10, B2 a-b, B3-B5, B6 (omit d j), B7, B8, E2 a b d
3 Wednesday	January 28	No Class	
3 Friday	January 30	Exam 1 (see syllabus and ANGEL Course Info for details) 10:30am-12:30 Bessey Hall 108 Check in begins at 10:00am	NOTE THAT OUR EXAM TIME AND ROOM IS DIFFERENT THAN OUR CLASS MEETINGS BECAUSE BOTH SECTIONS TEST TOGETHER.
4 Monday	February 2	WBC Disorders	Ch14: A3 b c, A4 a-d Ch17: A1 b-c, A5, B1, B2 (omit a), B3, B4-B8, B10, C1-C5, C7-C9, C12 a b e f, C13 c, C14 b-e
4 Wednesday	February 4 <i>2/6: last day to drop & get a tuition refund!</i>	Pain Inflammation & Healing	Ch50: A1, B1, B2, B7-B11, C1 a, C2, E2, E4 Ch51: B8 Ch14: B2 (on ESR) Ch20: A1-A4, A6 (omit e), A11 a, A12, A13, B1, B2, B8, B12, B13
5 Monday	February 9	Immune Disorders Quiz 2 Opens: 2pm Mon Feb 9 Closes: 8pm Tues Feb 10	Ch 19: A1, A3-A8, A10, A12, A14 a-b, A15 (omit f), A16, A17 (omit d), A21, B1 Ch21: A3, A5, A7, A8, C1 (omit a), C3, D1-D3 Ch22: A1-A7, B1-B5, B7, B9, B11 b-e, B13, C1, D1, D2
5 Wednesday	February 11	Cardiovascular Disorders I <i>Exam 2 comes up quickly. Start your prep this weekend!</i>	Ch23: A1-A4, B1 (omit a b), C1, C5, C6 d-i, D3 Ch24: A1, A7, A9, A10, A12 b f, A14-A16, B1, B6 b, B7 b-d, B8, B9, C4, C5
6 Monday	February 16	Cardiovascular Disorders II	Ch3: B6 (on orthostasis) Ch23: D5, D6 c f, E1 Ch25: A1, A3-A7, A8 c-f, B1-B4, B5 c-d, B7-B12, C1, C2 b, E1, E2, E3 b-c Ch26: B2, B3, B6, B7, B8 a c d, B10, B11 (intro paragraph only), B13, B14
6 Wednesday	February 18	No Class	
6 Friday	February 20	Exam 2 10:30am-12:30 Bessey Hall 108 Check in begins at 10:00am	NOTE THAT OUR EXAM TIME AND ROOM IS DIFFERENT THAN OUR CLASS MEETINGS BECAUSE BOTH SECTIONS TEST TOGETHER.

7 Monday	February 23	Cardiovascular Disorders III <i>FYI: The content for Exam 3 is where students struggle most. This will be a hard 4 weeks so stay focused and don't fall behind!</i>	Ch23: C7-C9 (omit C8 b) Ch28: A1-A4 (omit A4 b), A7, A8 a-b, A9, A10, A11 b-c, A14, A15 a-b, A16, A17, B1, B2 a, B3-B6, B8, B10 a c d f, B11-B13
7 Wednesday	February 25	Respiratory Disorders I <i>(Work hard on Resp I this weekend. We'll be applying many of the concepts for Resp II.)</i>	Ch2: C11 b (on surfactant) Ch29: A1, A4, A5, A9-A12, B2, B3 a-d, B5 (note: answer to B5a should be 2), B6, B7 a-b, B8 a-c, C1 c-f, C2, C3, C6, D1-D3, D6, D7, Ch30: A7-A11 (omit A8 e), C4 Ch31: A1-A5, A6 b, A7-A10, E1, E4, E8 (omit b2), E9 a
8 Monday	March 2 <i>(last day to drop is tomorrow!)</i>	Respiratory Disorders II Quiz 3 Opens: 2pm Mon March 2 Closes: 8pm Tues March 3	Ch31: B1, B2 a-c, B3 a-e, B4, B5, B9, B10, B12 b-d, B13, B15 b1 b4, C1, C2, D1, D4-D6, D8-D10, E6
8 Wednesday	March 4 <i>Documentation due for final exam conflicts. See syllabus: Course Policies.</i>	Fluid & Electrolyte Disorders March 3 is the last day to drop this course & not have a grade reported. (Online by 8pm.) <i>Call Office of Registrar for details 517.355.3300</i>	Ch2: C1 e (on respiratory rate in infants – relates to insensible losses) Ch4: C3 a (on diffusion vs osmosis) Ch23: F2-F4, F6 (on edema and fluid forces) Ch 32: A3, A5, A7-A9 Ch33: A1, A2, A4, A5, B1, B2, B4-B16, C1, C2, C3 a c, C4, D1, D2 a, D3-D7, D9, D10, D14 d e Ch56: A8 a b e, A9, A10 a b c e (on calcium regulation)
March 9-13		SPRING BREAK—Have fun, stay safe, reapply sunscreen q2hrs!	
9 Monday	March 16	Finish: Fluid & Electrolytes Complete: Acid Base Disorders Start reviewing for Exam 3 NOW!	Ch 34: A1, A4 a c g, A5, A8 (omit details of b, intro paragraph only), A9, A10 b-d, A11, B1-B6
9 Wednesday	March 18	No Class	
9 Friday	March 20	Exam 3 10:30am-12:30 Bessey Hall 108 Check in begins at 10:00am	NOTE THAT OUR EXAM TIME AND ROOM IS DIFFERENT THAN OUR CLASS MEETINGS BECAUSE BOTH SECTIONS TEST TOGETHER.
10 Monday	March 23	Urinary & Renal Disorders	Ch3: B11, D1 e, D2 (on renal function in the elderly) Ch16: A5 (on renal failure and anemia) Ch32: A1 a-c, A2 a-b, A3, A4a, A5, A6 a, A7-A9, A11 a, A14, B3, B4 Ch35: B1, B2A, C1-C6, E3-4, Ch36: A1-3 (ignore BUN/Cr ratio), A4 a b d, A6, B1, B2 (don't worry

			about #s - focus on themes and be able to put patients in order from least to most dysfunctional) B3-4, B5 (omit d), B6 a-b, B7 a d e g h, B8 a-c, B9, B10, B11 b d e, C2 a b Ch37: B3 a-d (and revisit for Neuro)
10 Wednesday	March 25	Gastrointestinal Disorders I	Ch38: A1, A2, A3 a, A4, B1 a c d, B3, C2 c, C6 d, D1, D2 d-e Ch39: A1 a c d, A2, B1 a c e, B2, B3, B5, B6, C1, C2, C5, C6, C7 a c d, D2, D3, D9 a-b, E3 a-d, G2 a
11 Monday	March 30	Gastrointestinal Disorders II Quiz 4 Opens: 2pm Mon March 30 Closes: 8pm Tues March 31	Ch5: A7 (on jaundice) Ch14: A2 Ch16: A6 (on jaundice) Ch40: A1, A2, A5, A6 a c, A7 a-c, A11 c1-c3, A12, B1, B2 a, B7 a b e f, B8, B10, B11, B13, C2 d, C3, C4 (omit d), C7, C8 a-e
11 Wednesday	April 1	Endocrine Disorders <i>Prepare for Exam 4 over the weekend so you just have DM left!</i>	Ch41: A2, A3, A6 a b d, A7, b, A8 (omit c), A9 (omit e), A10 Ch42: A1, A2, C2-C6 (omit C5 b), D1-D5, D8-D11 (omit D9 c)
12 Monday	April 6	Diabetes Mellitus	Ch2: B10 (on gestational diabetes) Ch4: B5 (on metabolism) Ch43: A1, A3, A4 e-g, B1, B2 b e, B3 a b f, B4 a, B5-B9, B12 a, C1-C8 (omit C5 a-b)
12 Wednesday	April 8	No Class	Because the content is highly related, you may want to rework the workbook assignments from Fluids & Lytes and from Acid Base before Exam 4. This is also an excellent way to start preparing for the cumulative final exam.
12 Friday	April 10	Exam 4 10:30am-12:30 Bessey Hall 108 Check in begins at 10:00am	NOTE THAT OUR EXAM TIME AND ROOM IS DIFFERENT THAN OUR CLASS MEETINGS BECAUSE BOTH SECTIONS TEST TOGETHER.
13 Monday	April 13	Male Genitourinary Disorders STIs	Ch37: B5 a (on BPH) Ch44: A1, A4 a3 b c, A5 b, A7 c-e, A8, C1 a-e, C2 Ch45: A1 a, A2 a, A4-A6, B1 a-c e, B6 a c, C3-C5, C8, C9, C11 Ch6: D7 (on recombinant DNA technology) Ch 47: B3 d Ch48: A1, A3 a b e f, A4-A6a, C1, C2 a c d e, C3, C4 (create your own table by separating the "description" column to more categories that correspond to the objectives & STIs studied)
13 Wednesday	April 15	Female Reproductive Disorders	Ch46: A6, B1-B4, B6-B9, B10 b d, B11 a b f, B12 (omit f) Ch47: B4, B5 a d, B6, (omit d), C1 b, E2 a b, E3, F1 a d e, F2, F3, G1,

			G2c, G3, G5
14 Monday	April 20	Neurologic Disorders Quiz 5 Opens: 2pm Mon April 20 Closes: 8pm Tues April 21	Ch49: A3, A5, E9 a, E10 a-c, E11, F2, F7 g Ch51: A9, A10, B1 e, C1, C2 (omit b f h), C4 a-d, C5-C7, D1 (omit d), D2 (omit h) Ch52: A1 d f, A10 a, A11, B3-B6, B9, B10, B12 a b c e, B13, B15, B16, B18
14 Wednesday	April 22	Musculoskeletal Disorders	Ch 24: C1, C3 (on compartment syndrome) Ch 56: A4, A5 d h, A8 a b e, A9, A10 a b c e, A11 c, B3 b, B5, B6, B8 Ch 57: A2, A4 a-e, A5 b c, A6-A10, A12 c-f, A15 a d e, A16, A17 Ch 58: A2 b d, B2 a b c e, B3 (omit h k) Ch 59: A1-A4 g, C2-C5 (omit C3 e, f1)
15 Monday	April 27	Integumentary Disorders	Ch 18: B3 (on fungal infections) Ch 60: A2, A3 c d, A5, A6 Ch 61: A1, A2, A5, B2, C4 a-d, C6, C7 a c d e, C8 a-c, C9 a b, C10 f i, C11 a b c f, D1-D5 (omit D4 c)
15 Wednesday	April 29	Open Q&A during our scheduled class time. This will not be a structured review so bring your questions!	
14 Friday	May 1	Exam 5 10:30am-12:30 Bessey Hall 108 Check in begins at 10:00am	NOTE THAT OUR EXAM TIME AND ROOM IS DIFFERENT THAN OUR CLASS MEETINGS BECAUSE BOTH SECTIONS TEST TOGETHER.
Finals Week Wednesday May 6 10am-noon	NUR300 has a Common Final Exam for both sections. Check all other courses for conflicts!	Final Exam (see syllabus) Location TBA via ANGEL. <i>*Final Exam times are subject to change and depend on room assignment.</i>	According to University policy, the only students able to schedule an alternative final are those who have 3 finals scheduled on the same day (NUR300 and two others), or 2 finals with overlapping times—both very rare circumstances. Students must supply documentation by <u>March 4</u>. Documentation includes: <u>syllabus from the conflicting course, course schedule from StuInfo, and dates/times of all other final exams</u>. Students with documented conflicts will take the NUR300 final on an alternative date and time determined by the Course Chair.

Link to MSU's Academic Calendar through Office of the Registrar: <http://www.reg.msu.edu/ROInfo/Calendar/Academic20072008.asp>