

APPROVED

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DEC 29 2011

If you wish to submit a new course, please login

COLLEGE OF GRADUATE STUDIES

The University Of Toledo
NEW COURSE PROPOSAL

* denotes required fields

1. College*: Nursing
Department*: College of Nursing

Level (check one)*
Will this course impact program requirements?
Type of course (check all that apply):

2. Contact Person*: Susan Sochacki Phone: 419-383-5806 Email: susan.sochacki@utoledo.edu

3. Alpha/Numeric Code (Subject area - number)*: NURS - 7680
If this is a renumbering, please request an electronic copy of the old course approval through the Register's Office at x4865, and attach it to #15 in this form.

4. Proposed title*: Advanced Physiology and Pathophysiology

Proposed effective term: F 2012

5. Planned enrollment per section: 10 per term: 10

6. Is the course cross-listed with another academic unit? No

Is the course offered at more than one level? No

If yes to either question, please list additional Alpha/Numeric codes, and submit a separate New Course form or Course Modification form for the course(s) referenced below.

a. NURS - 5680 b. c.

Approval of other academic unit (signature)

Name and title

If course is to be offered at more than one level, attach an explanation of the different requirements that students must meet for each level.

7. Credit hours*: Fixed: 3 or Variable: to

8. Delivery Mode: Primary* Secondary Tertiary

a. Activity Type*: Lecture Other/DL

b. Minimum Credit Hours * 3

Maximum Credit Hours * 3

c. Weekly Contact Hours * 3

† Choices are: Lecture, Recitation, Seminar, Regular Lab, Open Lab, Studio, Clinic, Field, Independent Study, Workshop, Computer Assisted Instruction, Other

9. Terms offered: Fall Spring Summer

Years offered: Every Year Alternate Years

10. Are students permitted to register for more than one section during a term? No Yes

May the courses be repeated for credit? No Yes 3 Maximum Hours

11. Grading System*: Undergraduate Graduate

Handwritten notes: 1/12/12 SS, 1/12/12 DS, 1/12/12 SS, 1/12/12 DS, 1/12/12 DS

- Normal Grading (A-F,PS/NC,PR, I)
- Passing Grade/No Credit (A-C, NC)
- Credit/No Credit
- Grade Only (A-F, PR, I)
- Audit only
- No Grade
- Normal Grading (A-F,PS/NC,PR, I)
- Grade Only (A-F)
- Satisfactory/Unsatisfactory (G only)
- Audit only
- No Grade

12. Prerequisites (must be taken before): a. - b. - c. -
 PIN (Permisson From Instructor) PDP (Permission From Department)

Co-requisites (must be taken together): a. - b. - c. -

13. If course is to replace an existing, course(s) will be deleted, and when should that deletion occur?
Course to be removed from inventory Final Term to be offered (YYYYT, i.e. use 20064 for Fall'06)

a.	<input type="text"/>	-	<input type="text"/>	<input type="text"/>
b.	<input type="text"/>	-	<input type="text"/>	<input type="text"/>
c.	<input type="text"/>	-	<input type="text"/>	<input type="text"/>
d.	<input type="text"/>	-	<input type="text"/>	<input type="text"/>

14. Catalog description* (30 words Maximum)

15. Attach an electronic copy of a complete outline of the major topics covered.
 Syllabus: *
 Additional Attachment 1:
 Additional Attachment 2:

16. Where does this course fit in the University/College/Department curriculum? (Be specific by course level, if applicable). Indicate prospective demand.

17. If the proposed course is similar to another course in the College or University, please describe the difference and provide a rationale for the duplication. (If this course duplicates material covered in another course within your department or college or in another college, attach a letter of endorsement from that area's dean and department chairperson indicating their support. Clarify the manner in which this course will differ).

18. If the course is intended to meet a University Undergraduate Core requirement, complete the following and submit a course syllabus using the template.
 Please explain how this course fulfills the general education guidelines. (Guidelines are available in Faculty Senate Website)

Course Approval:

Department Curriculum Authority: Date / /
 Department Chairperson: *Shirley Smolen, Ph.D., RN* Date / /

College Curriculum Authority:

Susan J. Orshaker

Date Month 10 / Day 9 / Year 11

College Dean:

Timothy Laspin

Date Month 12 / Day 19 / Year 11

After college approval, submit the original signed form to the Faculty Senate (UH 3320) for undergraduate-level courses; for graduate-level courses submit the original signed form to the Graduate School (UH3240). For undergraduate/graduate dual-level courses, submit the proposals to each office.

Faculty Senate Undergrad. Curriculum Comm.:

Date Month / Day / Year

Faculty Senate Core Curriculum Comm.:

Date Month / Day / Year

Graduate Council:

[Signature]

Date Month / Day / Year 2012

Office of the Provost:

Date Month / Day / Year

Registrar's Office:

Date Month / Day / Year

Submit New Course Proposal

You will see a confirmation page after you press the "Submit" button. If you do not see the confirmation page, please call x 4320 or send an email to ProvostWebMaster.utoledo.edu. Thanks.

University of Toledo College of Nursing
BSN-DNP
Syllabus

NURS 5680/7680 – Advanced Physiology and Pathophysiology

COURSE CREDIT AND CONTACT HOURS:

3 Credit Hours: 3 Theory

PREREQUISITES:

Master's Program = none

BSN-DNP Program = admission to the BSN-DNP program

FACULTY: TBA

COURSE DESCRIPTION:

Focuses on advanced physiologic and pathophysiologic mechanisms underlying human responses to illness across the life-span. Students will build on existing knowledge of human anatomy and physiology.

COURSE OBJECTIVES:

1. Review molecular and cellular physiologic mechanisms as a foundational basis for understanding homeostasis and alterations in homeostasis.
2. Analyze the molecular, cellular, and system pathophysiologic mechanisms underlying the disease process.
3. Connect the underlying molecular and cellular pathophysiological changes to the clinical signs and symptoms, diagnosis, and preventative or therapeutic interventions of disease and illness.
4. Examine the effects of alterations in one physiological system to alterations in another system or systems.
5. Apply the pathophysiological mechanisms of disease and illness to clinical case studies.
6. Use of informatics to study physiology, pathophysiology, and new theories of underlying disease mechanisms, diagnostic methods, and preventative or therapeutic interventions.

**UNIVERSITY OF TOLEDO COLLEGE OF NURSING
ADVANCED PHYSIOLOGY AND PATHOPHYSIOLOGY
NURS 7680
For BSN to DNP Program**

Course Credit and Contact Hours:

3 Credit Hours: 3 Theory
Face to Face with Web Assist

Course Location:

Blackboard 9.1 Online Location click through the following possibilities.

a. Learning Ventures Distance Learning
<http://www.utoledo.edu/dl/>
select a system: "Blackboard9 (Bb9) All Terms"

b. Via MyUT –Web Portal
<http://myut.utoledo.edu/>
NURS 7680 Advanced Physiology and Pathophysiology

Course Faculty: Susan L. Pocotte, Ph.D. (Course Coordinator)
Office: Collier Building Room 4316, UT/CON or University Hall 3190
UT Health Sciences Campus UT Main Campus
Phone: UT - 419-383-5883 UT- 419-530-2361
Cell (Do **not** give out. This is private please.): 419-366-0037

Mandatory Email for Course: Use the Email link on Course Web Blackboard Home Page Menu. (see page 12)

Email for non course issues: susan.pocotte@utoledo.edu

Office hours: By appointment at UT
Email communication
Phone- please do not call cell # after 8:00 p.m.

Prerequisites:

Admission to the BSN-DNP Program

Syllabus Notes:

This document is subject to change at the discretion of the faculty. Written updates will be provided in a timely manner if necessary. Please keep track of course meeting time changes that might occur.

Course (Catalog) Description:

Focuses on advanced physiologic and pathophysiologic mechanisms underlying human responses to illness across the life-span. Students will build on existing knowledge of human anatomy and physiology.

Course Objectives:

1. Review molecular and cellular physiologic mechanisms as a foundational basis for understanding homeostasis and alterations in homeostasis.
2. Analyze the molecular, cellular, and system pathophysiologic mechanisms underlying the disease process.
3. Connect the underlying molecular and cellular pathophysiological changes to the clinical signs and symptoms, diagnosis, and preventative or therapeutic interventions of disease and illness.
4. Examine the effects of alterations in one physiological system to alterations in another system or systems.
5. Apply the pathophysiological mechanisms of disease and illness to clinical case studies.
6. Use of informatics to study physiology, pathophysiology, and new theories of underlying disease mechanisms, diagnostic methods, and preventative or therapeutic interventions.

Teaching/Learning Strategies:

Selected activities in the course will be leveled for the DNP student. The activities will provide depth in detail. The activities will be designed to aid the learner in exploration of how the underlying pathophysiology leads to clinical disease. In addition, the activities will aid the learner in the analysis of evidence based diagnostic and prevention strategies. The learner will explore how to identify and understand reliable evidence based diagnostic and prevention strategies. Discussion of incorporating the use of evidence based diagnostic and prevention strategies in health systems will be included.

1. Lecture
2. Discussion: asynchronous discussion/participation
 - A. (Discussion that analyzes evidence based diagnostic and prevention strategies.)
 - B. Online Case studies
3. Self study
4. Written integrative essay exams
5. Multiple choice online exams
6. Reading textbooks
7. Review questions posted online
8. Analysis of Online Web sites authored by Professional Organizations

Evaluation Strategies:**A. SYSTEMS CHECK ASSIGNMENT**

The Systems check Assignment can be found by clicking the "Assignments" icon on the Course Home Page. Open the document and carefully read the instructions. The instructions are precise and designed to evaluate student attention to detail.

1.) The "Systems Check Assignment" for week of _____ is mandatory. It is the only method for the instructor to check whether the student is

logged on and understands the basics of intranet/internet communication required for the course.

2.) Grading: Credit or No Credit. Completion is mandatory to pass this course.

Go to next page for rest of instructions about Systems Check Assignment.

Evaluation Strategies continued:

A. SYSTEMS CHECK ASSIGNMENT

3.) Assignment Part C must be completed before any other exam or discussion answer set is accepted by the course faculty. The purpose of Assignment Part C is to provide a refresher regarding plagiarism and paraphrasing and citation. This will help the student avoid unintentional plagiarism. More information about Cheating and Plagiarism can be found in sections E and F of this course syllabus. The course faculty has a zero tolerance policy regarding cheating and plagiarism.

B. EXAMS

1.) Examination procedure is as follows.

a. The Exams will be posted within the Web course location in either the Assignments (Exam 1) section or the Exam Room (Exams 2, 3, 4) section (see last page of this syllabus). The last page of the course syllabus directs one where to look. Some exams are timed multiple choice and some exams are short answer/essay. Further details will be provided by way of exam instructions on the documents and the course information web section. Exam 1 can be found in the Assignments section. Exams 2, 3, and 4 are multiple choice online. Exams 2, 3, and 4 will require that the student use RESPONDUS LOCKDOWN BROWSER to access the exam. Instructions for how to download and use Respondus Lockdown Browser will be posted later in the semester in both the "start here" section of course and the Exam room.

b. Exam deadlines will be posted on the syllabus. If an exam deadline is 11:59 on a certain date, then exams submitted on the next date **12:00 a.m. are considered late!!!!**

c. For Exam 1 specific directions regarding composition of answers and grading criteria will be posted with the exam questions. Follow instructions on the questions. For the essay exam questions, type your answers on a separate document. Please do not send the original exam questions back with your answers. **BE CAREFUL** about typos. For the short answers and essays, type your answers in **FULL SENTENCES**. The document you send is the source for grading. You are expected to put all written answers in your own words. **DO NOT** copy text out of the books or of the web site. Please refer to the description of copy and plagiarism in the NURS 7680 course syllabus or repeat your Systems check assignment Part C if you are uncertain. **Students are expected to work individually. Group work will be considered as cheating.** Students may consult with course faculty regarding questions prior to submission of the answers. The consultation may include questions of clarification of exam question or related course content. Faculty review of exam answers prior to official student submission of exam for purposes of evaluating whether a student is "on the right track" is **not** allowed because it would be considered cheating (Faculty assisting student in composition of answer). For exam 1 only, students may contact faculty for clarification of exam question meaning and course assigned content related to exam question.

Evaluation Strategies continued:

- d. For exam 1, the short answer/essay sets are to be sent to the Course Faculty by way of the "SUBMIT" system that is imbedded in the Web Course Assignment location. Answer sets sent from personal email addresses will not be accepted for grading. Answer sets sent to the faculty email outside of the Course location will not be accepted for grading. Answer sets sent to the faculty email embedded within the course location will not be accepted for grading. A grade of zero could result if exam answers are not sent from the Assignment location embedded within the UT Web Course.
- e. For exams 2, 3, and 4, each exam will be available for a range of days. Please see exam schedule in the course syllabus and additional online documents for each exam period of time. Students will have 60 minutes to complete each exam 2, 3 and 4. Once you click begin on any exam, the timer starts. If you log off during the exam, you can not reenter the exam. In other words, the clock does not start and restart. Questions answered after the 60 minutes will not be counted toward grade. If the UT Blackboard system has a server failure, the faculty is notified so that accommodation can be made. UT is not able to accommodate personal computer problems or interruptions. The Blackboard Respondus Lockdown Browser system has a timer and a warning. However, the system does not shut down or prevent answer selection when time is up (example: 60 min). The student is responsible for submitting the exam **before** the time is up. If a student submits after the timed period (example: 60 min and 1 second or beyond) the Blackboard system flags the exam for the course faculty to verify. It is not possible to determine which answers were selected and saved after the time limit. Therefore, point deductions will be based on the amount of time over the limit.
- f. For Exams 2, 3, and 4 study guide questions will be available for exam preparation. Study guide questions are found online at the beginning of each course module documentation.
- g. The exams 1, 2, 3, and 4 are open book exam if you wish. Use materials in the course textbooks and course academic intranet. There is not a need to look up extra references. The reference for the answers should be assigned reading or N7680 web based information only. Do not "research" in other references or solely rely on your clinical experience. For purposes of N7680, this is not considered cheating. Rather, it is considered a fair teaching and evaluation strategy for this online course. Once again, **Students are expected to work individually. Group work will be considered as cheating.**
- h. The contents of the exam are not to be shared with other students in the Nursing programs at UT. Please do not share the questions with current students, future students, or previous students that you may encounter.
- i. DESTROY hard copies and DELETE computer file copies when course grade is communicated.

Evaluation Strategies continued:

j. Exams will be graded in a timely manner. The exam grade and supporting comments will be sent to the individual student by way of grading system embedded within the Assignments section. The student should check the assignment section for grades. The grade that appears via the grade book icon in the course does not include comments. Graded exam comments are not sent via email.

2.) Examination covers material from lecture (online), assigned reading in textbooks, and UT Intranet supplemental materials. Exams will consist of multiple choice questions and short answer, and/or essay.

3.) Students will **not** be allowed to revise and resubmit exam answers after grading.

4.) A practice exam that is not worth any course points will be posted so that students may familiarize themselves with the process.

5.) **Exams submitted late or not at all.**

a. Permission for late submission must be given by the Faculty to the student **before** the exam deadline.

b. Consultation with course Faculty regarding late exams must occur via phone 419-383-5883 or email sent to course faculty from within the UT Web Course email site **before** the exam deadline.

c. The only valid excuses for late exams are illness and family member death which can be documented that is written and legally valid. The date on the documentation must correlate to the date of exam. The student must submit legally valid written documentation before the exam grade is recorded. Note:

Individual student technical problems such as failure to attach documents in the assignment section is not an excuse considered for late submission. Personal technical problems that can not be validated are not an excuse for late submissions.

d. No message prior to exam deadline results in a zero grade on exam with no option of late submission unless legally valid written documentation demonstrates why a message could not be left before the exam deadline as required. The date on the documentation must correlate to the due date of exam.

Evaluation Strategies continued:

e. A policy of point deductions for 24 hour intervals for unexcused late submission applies to the Exam 1. For each 24 hour interval of unexcused late submission, 25 points are deducted.

Example: if due at 11:59 Monday September 25, then 25 points deducted for receipt between 12:01 am Tuesday Sep 26 and midnight Sep 26; 25 points deducted for receipt between 12:00 a.m. Wednesday Sep 27 and midnight Sep 27; etc..

Please note that 12:00 a.m. is considered late for our purposes!!!! The Blackboard system will label the assignment as late beginning with 11:56 p.m. because of how it grades in increments of 5 minutes. Please ignore the late label for 11:56, 11:57, 11:58, 11:59 pm.

Exams 2, 3, and 4 are multiple choice online. Exams submitted after the 11:59 p.m. deadline will not be counted. The full 50 point per exam will be deducted. It is advised that the students allow a buffer of 30 minutes for submission so as to avoid any last minute problems with submission.

f. Make-up exams are not allowed for persons who fail to abide by this policy. Extra credit exercises are not provided to compensate for lost points to students who fail to abide by this policy.

5.) It is Dr. Pocotte's policy that students may not take the exams **prior** to the scheduled time.

6.) The faculty of this course is not under any obligation to accommodate missed exams due to vacations taken at a time other than the official breaks of UT CON. (See "Frequently asked questions" on the Web site "start here" location.)

C. DISCUSSION GROUP

1.) Grading of discussion group on the Discussion Area of the Course (found by clicking "Discussions" on Home Page menu) will be based on **BOTH** participation and content. It is mandatory that each student participate to receive credit. In addition, the comments posted must be substantial in content (not necessarily volume) such that the comment adds to the ongoing discussion, is factually correct, and demonstrates critical thinking. Dr. Pocotte will post the problem and the class members will try and solve it. The problem may not have one correct answer, therefore the posted comments demonstrating critical thinking to problem solve is the focus. Individual student postings will be graded and points awarded. The discussion grades and supporting comments will be sent to the individual student by way of grading system embedded within the Course (Gradebook on the Homepage).

2.) Documented illness that interferes discussion group participation will be accommodated as long as the student **immediately** contacts the faculty. See exam policy regarding contact and excused documentation.

3.) *The faculty of this course is not under any obligation to accommodate missed discussion group participation due to vacations taken at a time other than the official breaks of UT CON.* Please understand that this means advanced posting of assignments may not always be possible.

E. COURSE GRADING POLICY

Course grade evaluated as follows		Course Grading scale*	
Exam 1	150 pts (39.5%)	90 - 100%	A
Exam 2	50 pts (13.2%)	80 - 89%	B
Exam 3	50 pts (13.2%)	70 - 79%	C
Exam 4	50 pts (13.2%)	60 - 69%	D
Discussion 1	40 pts (10.5%)	≤ 59%	F
Discussion 2	40 pts (10.5%)		
TOTAL	380 pts (100%)		

Grading Policy:

1a.) Final course grade calculated as the total points earned on all assignments divided by the total possible points of course (380).

1b.) The faculty of the NURS 7680 course incorporates mathematical rounding in % final points calculations. For example, 79.5, 79.6, 79.7, 79.8, and 79.9 round up to 80.0. In addition 79.4, 79.3, 79.2, 79.1 round down to 79.0. This practice, while legal, is not a policy that generalizes to all UT CON courses. Please check with your course faculty for their practice regarding rounding.

2.) *Successful completion of this course requires a final grade of 80% or better. This translates to a grade of B or better required to pass the course.*

G. GENERAL NOTICE

Faculty reserve the right to change course requirements in exceptional circumstances with fair notice to students.

H. ACADEMIC HONESTY and CODE of CONDUCT

Students are expected to abide by UT and UT CON Academic Honesty Policies as well as Nurse Professional ethics Guidelines.

Cheating and plagiarism is not tolerated by the UT College of Nursing. Faculty are obligated to report students who cheat and plagiarize. The faculty will uphold that obligation. The course faculty has a zero tolerance policy regarding plagiarism and cheating. Students that are caught could potentially fail this course and or be dismissed from the College of Nursing.

It is the responsibility of the student to learn and understand these policies prior to submission of course assignments for grade. It is the responsibility of the student to know what constitutes cheating and plagiarism (purposeful or accidental). See part 1. below. Please understand that both improperly cited direct copy of and improperly cited paraphrasing/summarization of an author's original idea or text of copyrighted material is considered plagiarism. Plagiarism is a form of cheating. The consequences for cheating range from failure of the assignment in question to dismissal from the program. Intentional and unintentional plagiarism is considered inappropriate by all professional

ACADEMIC HONESTY and CODE of CONDUCT (continued)

organizations and academic institutions. Due the fact it is impossible to unequivocally distinguish between intentional and unintentional plagiarism, they are treated the same with equal consequences.

Please note that students who observe cheating or plagiarism are obliged to document and report the incident to the Associate Dean for the program in which they are enrolled. This is your professional responsibility.

For academic policy guidelines refer to:

1.) UT College of Graduate Nursing Student Handbook (Sections 5 and 6).
http://www.utoledo.edu/nursing/grad_nursing_resources.html

- Policies specific to your College program

2.) The UT College of Graduate Studies also posts policies regarding Academic Honesty and Code of Conduct. These policies apply to CON graduate students.
<http://www.utoledo.edu/graduate/>

- Graduate Student Academic Dishonesty Policy
- Graduate Student Thesis and Dissertation Format guidelines
- COGS Academic Standards Policy
- Graduate Student Academic Grievance Policy

3.) The American Association for Nurses (ANA) Code of Ethics for Nurses Unfortunately, the document is no longer available for free online viewing as of 2011. It is not required that the student purchase the book for this course. It is advised that the student become familiar with this document in other Nursing Courses that address Professionalism of the Nurse.

<http://nursingworld.org/MainMenuCategories/EthicsStandards/CodeofEthicsforNurses.aspx>

4.) Publication Manual of the American Psychological Association 5th Edition (2001), American Psychological Association, Washington, D.C..

<http://www.apastyle.org/>

I. INFORMATION on WRITING STYLES and AVOIDING PLAGIARISM

It is the responsibility of the student to know what constitutes cheating and plagiarism (purposeful or accidental).

A mandatory instructional review of plagiarism is described in the Systems Check Assignment for this course.

For those students for whom the required exercise is insufficient for review, it is the student's responsibility to review content taught in prerequisite composition courses regarding appropriate writing skills. The course faculty will not be available to remediate writing skills. In the event the student does not recall the guidelines of how to avoid plagiarism, the following web links will offer information. The following URL links are to a few of the many websites available for foundational information regarding plagiarism, quotations, paraphrasing, proper citation, and writing styles. Students have great difficulty distinguishing between citation methods for paraphrasing vs. direct quotation. These sites address this issue.

Four most common areas of misunderstanding.

1. When is citation needed?
2. What is the difference between direct quotes, paraphrasing, summaries, and original text and common knowledge?

I. INFORMATION on WRITING STYLES and AVOIDING PLAGIARISM Continued

3. Key to preventing plagiarism is providing citations for direct quotes, paraphrased or summarized work.
4. A citation section (also called reference section) at the end of a paper is required whenever citations are used in the text. If it is missing, the paper is considered plagiarized.

URLs that may be helpful:

1. Avoiding plagiarism, self-plagiarism, and other questionable writing practices: A guide to ethical writing. By Miguel Roig, PhD of St. Johns University. Accessed January 2, 2012 <http://facpub.stjohns.edu/~roigm/plagiarism/Index.html>

2. Samples of Paraphrasing

The University of Wisconsin- Madison Accessed January 2, 2012

<http://www.wisc.edu/writing/Handbook/QuotingSources.html>

3. Quoting, paraphrasing and Summarizing - Differences University of New South Wales, Sydney, Australia Accessed January 2, 2012

<http://www.lc.unsw.edu.au/onlib/sumpara.html>

4. The CON requires APA style for citations/reference. The course faculty for this course will not deduct points for minor errors (commas, italics, etc.) in applying the APA style to course assignments. However, there are severe consequences (see above) for missing reference sections, lack of citations in text, lack of quotation marks and any other indication the prevents plagiarism.

This link is to the APA style site for a free summary.

<http://www.apastyle.org/>

How should the student obtain clarification about plagiarism, paraphrasing, citation, reference section and so on if the above resources are not helpful?

5. Please contact The University of Toledo has service for students that is free of charge. You can utilize the Distance E Writing Center at

<http://www.utoledo.edu/centers/writingcenter/ewriting.html> . In addition, there is information at the general Writing Center that you can access by

<http://www.utoledo.edu/centers/writingcenter/> . You can phone or email questions to tutors. They do not revise documents. However, they might be able to help answer questions regarding "what needs to be acknowledged vs. what does not."

The NURS 7680 course faculty will not be available to instruct the general skills of writing, citation and referencing to the student. These skills should have been learned in both high school and undergraduate programs.

Attendance Policy:

The student is expected to attend class as well as monitor the Course Web site and Discussion Center in a manner that will satisfy the deadlines designated in the course syllabus.

Required UT E- Mail and UT Distance Learning Login Access:

Students are expected to activate their UT E-mail and UT **Distance Learning Login** accounts as soon as passwords are issued. Detailed instructions for UT e-mail and UT **Distance Learning Login** via personal letters in the mail. It is the student's responsibility to learn how to use UT accounts. It is the student's responsibility to learn how to set up their personal computer for access to UT academic intranet.

It is the student's responsibility to learn how to generate word documents and send email attachments. Assistance should be sought from the UT help desk (see below).

Required E-mail address for correspondence regarding UT College of Nursing and N7680 course:

Students are required to utilize the Email that is embedded inside the Web Course. UT email accounts.

All assignments (Systems Check and Exam 1) are to be sent from the "Assignments" section embedded within Distance Learning Course location.

The course Faculty will not accept assignments sent from personal email accounts outside of Distance Learning location. The course faculty will not accept assignments sent as attachments to the email within the Distance Learning course location.

Required E-mail address for correspondence regarding UT College of Nursing and N7680 course continued:

The course Faculty will not send email to the student personal email accounts. All email will be sent from the email embedded within the Distance Learning Location.

Required use of course/topic identifiers in email subject line:

Please, please type a course/topic identifier in the subject line of all emails.

Examples of **useful** subject line identifiers are:

MSN 7680 course question

Required method of question and answers on N7680 Course Content:

General questions regarding course content and procedures should be posted on **Distance Learning** Discussion Section in the "Course Questions" topic. Course Faculty will periodically check this folder for new questions and post the reply in the same folder.

Required method of questions and concerns regarding N7680 that are personal in nature:

Problems of a personal nature should be addressed directly to Dr. Pocotte via email embedded within course Web site or phone. The privacy of each student is respected.

WHAT TO DO WHEN TECHNOLOGICAL PROBLEMS INTERFERE WITH YOUR ABILITY TO ACCESS THE DISTANCE LEARNING COURSE LOGIN

Each student who has a technological problem MUST contact the UT help Desk and report the problem. For contact information, please go to the link that does not require password login. The staff will attempt to help you. For complete information see the "Technology Help" link on the homepage

<http://www.utoledo.edu/dl/students/tech.html>

If the problem is ongoing, you must report the problem to Dr. Pocotte by email or UT office phone. Dr. Pocotte is not responsible for fixing technological problems. Failure to report your problem immediately, will prevent UT from efficiently helping you and may interfere with your timely completion of course assignments. Dr. Pocotte will not offer extensions on exams due to technical issues.

The course is designed for you to keep up even in the event of technological problems. Dr. Pocotte suggests the following:

1. Refer to hard copy of course syllabus for assignments.
2. Download exam 1 assignment as early as possible. Students that wait until the last minute to monitor web site, will run into delays at some point.

What if I sent my assignment, but the course faculty did not receive it?

It is the student's responsibility to learn the UT Web Blackboard Course system. The student should practice sending emails from the email system embedded in the course.

If UT "Assignment Submit system" is used correctly, submission of assignments are almost error proof. Double check that your assignment is attached to the drop box (uploaded). Be sure you click "submit". Look for the message feedback that states submission correct. Go back and double check that you can see the document. **Failure to correctly submit an assignment is a technical problem that is not an excused late submission. Late points are applied.**

The course faculty can check with UT Information Services regarding system outages in the rare event they interfere with assignment submission.

For the student that waits until last minute, the faculty suggests that students allow 10 minutes before a deadline to submit assignments. This will allow a less rushed and error prone submission. In addition, if web traffic is slow, the risk of late submission (12:00 a.m.) is eliminated.

Advisory Regarding Faculty Response to emails and discussion center postings:

Course faculty will make every attempt to be timely in response to your emails and discussion center postings. Grading of assignments with feedback will occur as soon as possible. Response to early submissions will occur also as soon as possible. Response to other spontaneous postings throughout the week and week-end could be delayed by at least 36 hours.

Class Cancellation (not applicable unless a face-to-face meeting is requested):

Not applicable for this course. All sessions are online and not subject to cancellation due to weather related events.

Students With Disabilities:

The University of Toledo abides by the Americans with Disabilities Act (equal and timely access) and Section 504 of the Rehabilitation Act of 1973 (non-discrimination on the basis of disability). If you have a disability and are in need of academic accommodations but have not yet registered with the Office of Accessibility (OA) (Rocket Hall 1820; 419.530.4981; officeofaccessibility@utoledo.edu) please contact the office as soon as possible for more information and/or to initiate the process for accessing academic accommodations. I also encourage students with disabilities receiving accommodations through OA to discuss these with me, after class or during office hours, so that I may be better informed on how to assist you during the semester.

If you are registered with the Office of Accessibility, I have received notification regarding your academic accommodations. Please see me as soon as possible to discuss your accommodations and how I may be of assistance to you throughout the course. All discussions will remain confidential and are intended to assist me with ensuring your accommodations are appropriately implemented throughout the course.

For further information please visit the following web site. <http://www.utoledo.edu/utlc/accessibility/index.html>

UT Campus Safety and Alert System

The following link will take you to a new Video "Keeping UT Safe". The information will be useful because most Distance Learning Students attend the Campus periodically throughout the academic year. Please take the time to watch the approximately 4 minute video.

<http://www.utoledo.edu/offices/president/UTsafe/>

In addition, you might consider signing up for Cell phone Text message alerts by accessing <https://stuweb00.utoledo.edu/redalert/>. The only time it is used is for emergencies of safety, weather (tornadoes), and University closing due to weather.

Student Use of Online course presentation:

The content of the online N7680 course presentations is the copyrighted property of Dr. Pocotte. Permission from Dr. Pocotte is required for printing and use for any other purpose than completing N7680 course requirements.

Required Textbooks and Resources:

1.) McCance, K.L., Huether, S.E., Brashers, V. L., and Rote, N. S. (2010) Pathophysiology: The Biologic Basis for Disease in Adults & Children, Sixth edition, Elsevier Mosby, Inc., St. Louis, MO. ISBN 978-0-323-06584-9.

The McCance textbook will serve as a main resource to supplement the lecture and selected online presentations. The textbook integrates issues across the life span. The course Faculty can not support the use of outdated versions of this textbook.

2.) Brashers, V.L. (2006) Clinical Applications of Pathophysiology, Third edition, St. Louis, MO, Mosby, Inc.. ISBN 0-323-04530-8

The Brashers text will be used for the class discussions and exams. Therefore, it is mandatory. The course Faculty can not support the use of outdated versions of this textbook.

3.) Harrison's Online

Featuring the complete contents of *Harrison's Principles of Internal Medicine, 18e*

Dan L. Longo, Anthony S. Fauci, Dennis L. Kasper, Stephen L. Hauser, J. Larry Jameson, Joseph Loscalzo, Eds.

4.) Mulford Library Evidence Based Practice Portal

<http://libguides.utoledo.edu/ebp>

Optional Material:

1.) A good Nursing Clinical Laboratories and Diagnostic Tests reference.

Recommended resources:

Various Web links will be suggested online as additional reading. Please note those that may be of interest for future use as once the semester ends, course access is blocked.

TOPICAL OUTLINE

The titles of the Online Reading topics will not directly match the titles of the textbook chapters or unit headings. The course Web site was organized a couple years prior to adoption of the current textbook. In some instances, there will not be a textbook assigned reading to enhance a Web presentation topic. In some cases, there will not be a web posting for corresponding textbook readings.

WEEK DATES	Blackboard Reading TOPIC (Web Course Modules and Content)	Textbook READING	ASSIGNMENTS
Week 1 Jan 9 - Jan 15	<u>Cell Biology</u> <u>Cell Injury and adaptation</u> <u>Developmental Stages (Life Span) and Health Alterations</u>	Mc* Chpt 1 Mc Chpt 2 Mc Chpt 2	Systems Check due by Tuesday Jan 17 at 11:59 p.m.
Week 2 Jan 16- Jan 22	<u>Genes and Genetics</u> ● Genetic disorders ● Genetic Testing and Therapy ● Genetic Technology Topics	Mc Chpts 4, 5	Post Exam 1
Week 3 Jan 23 - Jan 29	<u>Neoplasia</u>	Mc Chpts 11, 12 Br** Chpts 8, 9, 10	
Week 4 Jan 30- Feb 5	<u>Microbiology and Infectious Disease</u> ● Infectious Disease ● HIV-AIDS ● STDs <u>Innate Immunity: Inflammation</u>	Mc Chpt 9, Mc pgs 620-630, Mc Chpt 24 Br Chpts 7, 22, 27 Mc Chpts 6, 8 Br Chpt 26	
Week 5 Feb 6 – Feb 12	<u>Adaptive Immunity</u>	Mc Chpts 7, 8	Dis- cussion 1 2/6-2/20
Week 6 Feb 13- Feb 19	<u>Nervous System</u> ● Physiology of the Nervous System ● Psychiatric Disorders	Mc Chpts 14, 18	Disc 1 end 2/20 11:59 p .m.

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WEEK DATES	Blackboard Reading TOPIC (Web Course Modules and Content)	Textbook READING	ASSIGN- MENTS
Week 7 Feb 20- Feb 26	<u>Nervous System</u> <ul style="list-style-type: none"> ● CNS Traumatic Injuries ● CNS Vascular Injuries ● Seizures ● Congenital Chronic NS Disorders ● Degenerative NS disorders ● Pain Physiology and Pathophysiology 	Mc Chpts 14, 15, 16, 17, 18, 19 Br Chpts 18, 19, 20, 21	
Week 8 Feb 27- Mar 4	<u>Hematology</u> <ul style="list-style-type: none"> ● Erythrocyte Physiology and Pathophys. ● Leukocyte Phys. and Pathophys. <u>Hemostasis and Coagulative Disorders</u>	Mc Chpts 25, 26, 27, 28 Br Chpt 12, 13	Exam 1 due Sun Mar 4 11:59 pm
SPRING BREAK MAR 5- MAR 11			
Week 9 Mar 12- Mar 18	<u>Cardiovascular Physiology and Disorders</u> [Weeks 9 and 10] <ul style="list-style-type: none"> ● Cardiovascular physiology ● Arrhythmia ● Hypertension ● Dyslipidemia ● Ischemic Heart Diseases ● Heart Failure ● Other including Hemodynamics 	Mc Chpts 25, 26, 27, 29, 30, 31 Br Chpts 1, 2, 3, 4	
Week 10 Mar 19- Mar 25	<u>Respiratory System</u> <ul style="list-style-type: none"> ● Respiratory Physiology ● Respiratory Pathophysiology 	Mc Chpts 32, 33, 34 Br Chpts 5, 6, 7	Dis- cussion 2 3/19-4/2
Week 11 Mar 26- Apr 1	<u>Fluid, electrolyte, acid/base balance</u> <u>Gastrointestinal System</u> <u>Liver, Pancreas and Gall Bladder</u>	Mc Chpt 3 Mc Chpts 38, 39, 40 Br Chpt 15 Mc Chpts 38, 40 Br Chpts 16, 17	Dis- cussion 2 3/19-4/2 End at 11:59 p.m.

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NURS 7680 Advanced Physiology and Pathophysiology
Syllabus for Spring 2012 continued

S.L. Pocotte, Ph.D.

WEEK DATES	Blackboard Reading TOPIC (Web Course Modules and Content)	Textbook READING	ASSIGNMENTS
Week 12 Apr 2 – Apr 8	<u>Muscle System</u> ● Muscle Physiology ● Muscle Pathophysiology <u>Skeletal System</u> ● Skeletal Physiology ● Skeletal Pathophysiology	Mc Chpts 41, 42, 43 Br Chpts 23, 24	Exam 2 Apr 6- Apr 13
Week 13 Apr 9- Apr 15	<u>Kidney and Urinary Systems</u> ● Renal physiology and pathophysiology ● Urinary physiology and pathology	Mc Chpts 35, 36, 37 Br Chpt 14	Exam 2 Apr 6- Apr 13 Exam 3 Apr 13- Apr 20
Week 14 Apr 16- Apr 22	<u>Endocrine Physiology</u> <u>Endocrine Pathophysiology</u> ● Diabetes ● Adrenal disorders ● Thyroid Disorders ● Parathyroid Disorders <u>Stress</u>	Mc Chpts 20, 21 Br Chpt 11 Mc Chpt 10	Exam 3 Apr 13- Apr 20
Week 15 Apr 23- Apr 29	<u>Male and Female Reproductive Systems</u> ● Women's Health ● Men's Health ● Sexually Transmitted Diseases Online Course Evaluation	Mc Chpts 22, 23 Br Chpt 25	Exam 4 Apr 27- May 3 (Thurs- day)
Finals week Apr 30- May 4	No online presentation Online Course Evaluation		Exam 4 Apr 27- May 3 (Thurs- day)

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