PATHOPHYSIOLOGY for the ADVANCED PRACTICE NURSE
NUR 805 sections 731 - 737
3 Credits
On-Line Format
Fall 2016

Catalog 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 evidence-based research as a basis for advanced practice nursing.

Additional Course Description: NUR 805 is a graduate level course offered totally in an on-line format. It is expected the student already has sound foundational knowledge regarding anatomy, physiology, and basic pathophysiology. This knowledge should have been obtained through coursework as an undergraduate student and through providing hands-on nursing care in a variety of health care settings over a period of time.

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

1. Analyze the etiology and pathophysiological alterations 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/considerations associated with the pathophysiological changes in special populations.

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

Prerequisites: None

Co-requisites: None

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


**Faculty:**

Linda Keilman, DNP, GNP-BC  
Assistant Professor, Health Programs  
Gerontological Nurse Practitioner  
517/355-3365 or Toll Free #: 1/800/605-6424  
1355 Bogue Street, A 126 Life Sciences  
East Lansing, MI 48824  
linda.keilman@hc.msu.edu

**Office Hours:** Thursday 0800 - 1000

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**Required Textbooks:**


**Highly Recommended Textbook:**


*Some students find this workbook helpful & others do not – up to you!*

**Required Resources, References, Supplies:**

MSU Distance Learning Services (DLS) Help Line/Desk (available 24/7 & communicate exceptions)

- Local: 517 432 6200
- Toll Free: 844 678 6200 (North America and Hawaii)
- www.d2l.msu.edu

*Always check with the Help Desk first!*

**The Spartan Code of Honor Academic Pledge**

“As a Spartan, I will strive to uphold values of the highest ethical standard. I will practice honesty in my work, foster honesty in my peers, and take pride in knowing that honor in ownership is worth more than grades. I will carry these values beyond my time as a student at Michigan State University, continuing the endeavor to build personal integrity in all that I do”
Technology Requirements:

- Desk or laptop computer with at least 256 MB
- The computer must be able to connect to MSU’s campus network and the Internet using Wi-Fi or a high-speed Ethernet connection
  - Computers should have an Ethernet cable and wireless card
  - The MSU wireless network supports all current wireless communication protocols
    - 802.11a, g, and n
    - The 802.11n standard operates in both the 2.4 and 5 GHz frequencies
- The computer must be equipped with virus protection and firewall software, which needs to be installed and running prior to connecting the computer to the MSU network
- The MSU Computer Store offers special computer hardware and software pricing for students
  http://cstore.msu.edu

Learning Methodologies:

- NUR 805 is an asynchronous on-line course based on the system, Desire 2 Learn (D2L), and is available at https://d2l.msu.edu
  - For direct access to the course, students are required to use their MSU NetID and password
- A variety of adult learning theories, principles, and practices are utilized in the course
  - As adult learners, it is expected that students will do relevant reading and study for the identified weekly modules/topics
  - As adult learners, it is important that students read the rubrics in order to determine how course work is analyzed and evaluated (found in D2L folder: Course Activities Information)
- Past learning and knowledge prepares for future learning
  - It is imperative students understand normal structures and functions of the body learned in anatomy, biology, physiology, and undergraduate pathophysiology
  - If a number of years have passed since these types of courses were taken, it would be wise to review basic textbooks
  - It is the responsibility of the student to review background material as it serves as a foundation for this course
- It is important to follow course directions and guidelines
  - Formatting is specific and required
  - Read directions for all activities before beginning the activity
  - The ability to follow directions demonstrates the skill of precision and being informed related to critical thinking and decision-making skills
- On the first day of class it is important to understand that everyone starts with a 0.0
  - Students are provided with the materials to achieve passing the course; it is up to the individual to determine how they are going to reach the desired overall score/grade
- Motivation and attitude determines, directs, and sustains what the student will learn
  - Motivation plays a critical role in guiding the direction, intensity, persistence, and quality of learning behaviors and course engagement that occurs
- NUR 805 is not based on a self-paced learning model
- Students in this course are expected to engage in effective interpersonal communication that demonstrates appropriate processes and effects of social interaction in an on-line scholarly environment
  - If faculties post a question, the expectation is that it will be answered (generally within 72 hours)
If faculties e-mail a student, it is expected the student will respond they have received the e-mail communication in a timely manner (generally within 72 hours).

The MSU e-mail system is the gold standard for all communication with faculty

- The official MSU email address provided at admission takes the form of a person’s MSU NetID followed by “@msu.edu” and resides in MSU’s mail.msu email system.
- This is the only email address that MSU and faculty will centrally maintain for sending official communications to students, and the only email address that the university will use for sending official communications to students after they enroll.
- Students are responsible for activating their MSU NetID and email account.
- Students must check email regularly in order to read important messages and notifications.
  - Failure to read official university and faculty communications sent to the students’ official MSU email address does not absolve the student from knowing and complying with the content of those communications.
- Each student must manage their MSU email account to ensure the Inbox file has sufficient space to allow for email delivery.
  - Students act at their own risk and should take precautions if they choose to have their email forwarded to an email address other than their official MSU email address.

- This course is partially structured by body systems - not all systems are covered.
  - The material covered will begin to help the reader understand the background necessary to be a competent future advanced practice registered nurse (APRN).
  - The student will need to read more than merely the assigned textbook readings; each individual will need to determine how to find the most current information on a variety of different diseases.
  - Treatment/management of specific diseases is minimally covered in this course.
    - In future APRN courses, treatment will be highlighted (specifically for NP students).
- In the course, there is a folder labeled Study Tips & Resources - it would be very beneficial to review some of this material during the 1st week of the semester.
  - There is some very specific information on how to analytically approach the study of advanced pathophysiology as well as more general information on staying organized.
    - Tips for Success
    - Analytical Model for Studying Pathophysiology
    - Test Anxiety
    - Online Resources

Weekly Lessons:
Individual lesson plans are available on Saturday at 2355 of each week/module and remain open for the totality of the semester (except for the 1st week of the semester which begins on Wednesday).

- NUR 805 is built on a framework of material including: a lesson plan that includes the objectives, textbook readings, additional required readings, key concepts, enrichment activities and a to do list.
- Once the textbook is purchased, there is free student access to resources through Elsevier Mosby.
- For some content, faculty will produce voice over PowerPoints (PP) with handouts – however, nothing takes the place of reading the textbook.
  - Some PPs have a word-for-word transcript but are based on the 6th edition of the textbook rather than the 7th edition.
• Most PP materials serve as a review of previous body system knowledge and generally do not contain new information
  o Weekly objectives should be used as the guide for learning required new material

  ▪ Assignment due dates are listed on the course calendar
  ▪ 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 [ESDST]) on the day they are due
    o Friday @ 2355 for Discussion Topic (DT) individual answers
    o Saturday evening of designated weeks for DT posts and quizzes

  ▪ Any changes will be found in Course News, posted at least weekly, or sent via the MSU email system or D2L e-mail communication
    • Remember to always check MSU email – faculty answer and send emails from this communication system frequently

Discussion Topics (DT):
Active participation throughout the week when there is dialogue is the expectation, whether you are earning course points or not
  • Once a post is submitted, students may not edit; pay attention to detail and edit prior to posting
  • Active participation throughout specific weeks is the expectation
  • It is highly suggested that students do not wait to post comments last minute

Access to NUR 805 through D2L: the course can be accessed by going to http://d2l.msu.edu

  • The course will not open until the 1st day of the semester: August 31, 2016 @ 0800 (ESDST)
  • Except for the 1st week of the course, the “week” in this course is from Saturday evening to the following Saturday evening
    o New materials will open on Saturday @ 2355 and activities for that week will close the following Saturday @ 2355
    o Occasionally, faculty may have materials ready prior to 2355
    o Didactic materials will stay open for the duration of the semester once they are opened
  • If the student has difficulty during a timed assignment, contact the DLS Help Desk so a communication log can be created
    o If home internet access has been temporarily lost, contact the Help Desk
      ▪ This is the only way in which faculty have to determine the student actually experienced problems
    o After the Help Desk has been contacted, the student must send the lead faculty an e-mail explaining the situation or leave a telephone message on Dr. Keilman’s office telephone (517 355 3365)
      ▪ If the process is not followed, resubmission of work will most likely not be allowed
  • The course will close December 16, 2016 @ 1700 (5:00 pm, ESDST)

Evaluation Methods, Parameters & Activities:

  • A grade of 3.0 must be achieved in order to pass NUR 805
  • Active, relevant, professional, civil, and ethical participation (via e-mail, on-line, telephone, social media, or in person) is expected
• Each student will be evaluated ongoing during the semester
• Communication that is deemed unprofessional, negative, harsh, bullying, unacceptable or detrimental to student learning may be deleted from the course by the faculty
  o Any communication that is deleted will not count toward earning course points
  o Think before you write and submit!
• Late assignments will not be accepted and 0 points may be assigned to the activity, unless prior authorization has been given by the lead faculty
• Students must complete every assignment, in a timely manner in order to pass NUR 805
  o It is not an option to not complete an assignment – whether points are assigned to the activity or not!
  o Any assignment not completed or not completed by the due date may result in a failure in the course
  o If a student has an emergency situation, the expectation is the lead faculty will be contacted prior to the assignment due date and time to make alternative arrangements
• Directions for submission of all written work must be followed for formatting accuracy
  o Documents not submitted utilizing the course format will either not be accepted or ½ the total possible points will be subtracted from the submission per faculty discretion
• The ability to follow directions is extremely important in this course!
  o Common courtesy is demonstrated by faculty and students signing their 1st name to e-mail communication and Discussion Topic posts – this is a course requirement/expectation
• If the student has any technology difficulties or difficulty accessing D2L, contact the HELP DESK, explain the situation and ask for assistance
  o Staff will not only help with the situation, a logged report will be completed and submitted to faculty for a record
    ▪ In this way, faculties have received communication about the difficulty
  o Do not think faculty will solve technology, program or computer issues with/for you!
  o Students are required to send an e-mail message, or leave a voice message on the lead course faculty MSU office telephone, regarding any technical difficulties – after speaking with Help Desk staff

Course Activities/Assignments: will be throughout the entire semester and all are required

• For each activity, a brief explanation is provided below
• Every assignment purpose with rationale is explained in detail along with a rubric that will guide the student in creating the work based on evaluation criteria
• Additional and more specific information can be found in the D2L course
• Late assignments or postings will not be accepted or evaluated for points unless prior arrangements have been made with the lead faculty or in extenuating circumstances
  o Since all activities are required in this course, 0 points will be entered in the GradeBook for any late assignment

• Course Documents Folder:
  o Syllabus
  o Course Calendar
o Anatomy of the Lesson Plan – next to the syllabus, this is the most important document for learning how to keep track of weekly activities
  ▪ This document should be read during the 1st week to develop a quick understanding of how the course is organized and managed

o Academic Integrity Agreement
o Proctor Guidelines & Agreement
o Introduction to Dr. Keilman

o Course Activities Information folder:
  ▪ Assignment Expectations
  ▪ On-line Netiquette
  ▪ APA Writing Tips & Pearls
  ▪ Assignment: Introduction of Self
  ▪ Rubric: Introduction of Self
  ▪ Expectations: Discussion Topics
  ▪ Assignment: Discussion Topics
  ▪ Rubric: Discussion Topic
  ▪ Quiz Parameters
    • Appeal of a Question
  ▪ Final Exam Parameters

• Introduction of Self
  • Format: Discussion Topic (DT); independent activity (IA)
    ▪ Asynchronous (A): discussions are ongoing over several days; online visits occur at different times; determined by the student within course parameters
    ▪ Interactive (I): reciprocal dialogue between students and faculty
    ▪ Threaded Discussion (TD): asynchronous activity where students respond to one another
  • Students need to answer every question the 1st submission in order to receive maximum points
  • Read in the Course Activities Information folder:
    ▪ Introduction of Self: Assignment & Rubric
  • Due Date: check course calendar
  • Points: 10 points

• Academic Integrity Agreement
  • Format: IA
  • Look in the Course Documents folder: Academic Integrity Agreement
    ▪ Save to your computer in a .doc, .docx or .pdf format only or print from the course
      • Do not save as a .png, screen shot or .jpeg
    ▪ Read the document to understand the impact and meaning of signing this document
    ▪ Sign and date the document
    ▪ Scan in to your computer and save in a .pdf format
    ▪ Place in the Dropbox provided in Module I by the due date
      • Do not submit as a .png, screen shot or .jpeg (it will not be accepted)
  • Due date: check course calendar
• Points: Pass/Fail
  ▪ Not meeting the deadline is a failure; no failures are allowed in this course as every assignment/activity must be passed by 80%; a fail is 0%

• Examination Proctor Agreement Form
  • Format: collaborative activity (CA), requires working with MSU approved and contracted proctors/facilities as well as the secretary (Ms. Patricia Phillips) in the Academic Instructional Support Services Office in the College of Nursing
    ▪ Telephone: 517 353 8633
    ▪ Fax: 517 432 5933
    ▪ Email: phill492@msu.edu
  • This is for students who live 100 or more miles (one-way) from the MSU campus
    ▪ All others will come to campus to take the exam
    ▪ See the Master of Science in Nursing Student Handbook, off-campus proctored exam policy (nursing.msu.edu)
  • Look in the Course Documents folder: Proctor Guidelines & Agreement
    ▪ Save to your computer in a .doc, .docx or .pdf format only or print from the course
      ▪ Read the document and be sure you have discussed with the potential proctor prior to giving them the form to sign
        ▪ Be sure to put your name, PID #, and course (NUR 805) in the appropriate spaces on the form before giving to the proctor for completion
    ▪ The signed form must be received by Ms. Patricia Phillips per date in course calendar
      ▪ Patricia.phillips@hc.msu.edu or phill492@msu.edu
      ▪ Forms not received and fully completed by the deadline will result in the student coming to the MSU campus to take the final exam
  • Due date: check course calendar
  • Points: Pass/Fail
    ▪ Not meeting the deadline is a failure and will be taken in to consideration prior to the final exam; a late document will result in taking the exam on the MSU campus - at minimum

• Discussion Topics (DT)
  • Format: independent activity (IA)
    ▪ AITD
  • Active participation throughout the designated dialogue weeks is the required expectation
    ▪ Thursday/Friday/Saturday only or all postings on the same day of the week will not be eligible for points as this is not considered engagement with peers or faculty and thus does not meet the course expectations
    ▪ Last minute posts on Saturday, especially late in the day, are not considered engagement because most individuals will not see the material or be able to respond
  • Demonstration of personal preparation, knowledge of the topic, high-level communication skills, and the ability to critically analyze the material is essential
    ▪ Discussion postings are expected to engage others in scholarly/professional dialog, reflect support and respect for others ideas, and be appropriately referenced using APA formatting
If formatting is not followed, the work will not be accepted (see page 6)
Depth and breadth while being concise is valued in this course, as well as required!
- It is expected that students will search current literature (*not older than 2011 – unless considered a classic by the discipline*) outside of the assigned textbook readings and suggest/share relevant findings with faculty and classmates
  - Resources need to be from evidence-based or United States (US) peer-reviewed journals!
- **The 1st week:** students will be assigned 1 question that needs to be answered according to course expectations by Friday @ 0800
- **The 2nd week (dialogue):** students will respond to their classmate’s information provided during the 1st week and answer any questions that are posed to their individual question/answer - according to course expectations
- Please see the D2L course and look in the Course Activities Information folder:
  - Assignment Expectations
  - On-line Netiquette
  - Expectations, Assignment & Rubric
- **Number:** 3
- **Due Dates:** check the course calendar
- **Points:** 30 points each for a total of 90 points

**Quizzes**
- **Format:** IA
  - Please look in D2L, Course Activities Information folder:
    - Quiz Parameters
    - Appeal of a Question
  - After each quiz has been completed, faculty will analyze the overall statistics and determine whether any changes need to be made
    - Related to security issues, quizzes will not reopen for viewing at any time during the semester
    - If a student would like to discuss their personal quiz performance, contact the lead faculty to set up an in-office meeting or telephone conversation
    - While taking the quiz, do not copy, print, take a screen-shot or write-out any of the questions or answers
- **Number:** 4
- **Due Date:** see the course calendar for specific weeks
- **Points:** 30 points each for a total of 120 points

**Final Examination**
- **Format:** IA that is either:
  - Proctored in the College of Nursing at MSU if you live within 100 miles (one-way) of East Lansing; *OR*
  - Contracted through an MSU College of Nursing approved proctor/facility utilizing MSU and College of Nursing forms and processes
• This option is only for students living outside of the 100 mile (one-way) designation (for more information see the MSN Graduate Handbook)
• Anyone may take the exam on the MSU campus!
• To locate an acceptable proctor site, go to the National College Testing Association at http://www.ncta-testing.org/cctc/
• The Proctor Guidelines Agreement can be found in the Course Documents Folder
  ▪ When you become an MSN graduate student in the College of Nursing, you will receive an email from the Instructional Services Office for ExamSoft
    ▪ You will be provided with a log in and password as well as instructions on how to download ExamSoft software to your laptop computer
    ▪ This software is required in order to take the final exam in this course
  ▪ Please look in D2L, Course Activities Information folder:
    ▪ Final Exam Parameters
      • The ONLY time the exam will be offered is on the date and time indicated in the course calendar – NO exceptions
        ▪ For students who live outside the state of MI and do not arrange to take the exam during ESDST, the exam will still open at 0900 and close at 1100 Michigan time
      • Number: 1
      • Date: see the course calendar
      • Points: 75 questions, 150 points

• Additional Activities
  • At the discretion of the faculty, other types of assignments may be scheduled throughout the semester
  • Any impromptu activity will be required and consist of gift points
  • The same expectations for quality will be the minimum requirement

Writing Expectations:

Students in this course are expected to demonstrate graduate-level writing ability in all discussion topic (DT) postings and e-mail communication!

• Accurate APA formatting is required for written assignments in College of Nursing courses
  o For NUR 805, APA formatting is especially important in DTs:
    o Font size: Times New Roman at 14-point font
    o In-text citations
    o Reference list
  o Related to the program functioning of D2L, APA is not expected for:
    o Margins
    o Face sheet (none required)
    o Indentation of reference
    o Spacing
• Students should refer to the 6th edition (second printing) of the APA Publication Manual (2010) for guidelines and examples
Professional/Scholarly/Academic Resources:

- The purpose is to share information within the subject field; based on original research and experimentation; supported by a system of learning and study; less widely circulated than popular sources.
- Some examples:
  - Articles published in peer-reviewed or refereed journals
    - Nurse practitioner (NP) students should try and utilize NP journals
    - Clinical Nurse Specialist (CNS) students should try and utilize CNS journals
  - Academic library databases
  - Professional books (you must have in your possession); e-books, books published by University Presses; graduate level textbooks

- The student should understand that when writing for a graduate health care/nursing course, the writing should be for an audience more expert in the concept than the common or lay reader
- Web sources such as Wikipedia, Epodunk, WebMD, Medscape, Mayo and Cleveland Clinics (lay information), and wikis are not considered scholarly or evidence-based and will not be accepted as sources within the course
  - Using any of these resources will result in 0 points for the activity
- Nursing journals, generalized health care, or aging/gerontology journals are preferred over medical journals as students are in the nursing profession and should become knowledgeable about advanced practice nurse resources
  - Do not go to journals that contain scientific terminology and information that you most likely do not understand. Some examples include:
    - Pediatric Blood & Cancer; Indian Journal of Urology; Journal of Anesthesia
- Magazines are generally not considered scholarly (there are a few exceptions)
- Journals from foreign countries – with the exception of Australia, Canada, Great Britain – are not acceptable for providing evidence-based information, unless reporting about a global health or aging issue
  - If you have a question about a specific foreign journal, please contact the lead faculty for guidance prior to utilizing the material
  - The practice of medicine and health care are very different in countries outside of the US
- Sources older than five years (unless considered by the discipline, a classic) will not be accepted
- Community nursing and medical-surgical textbooks are not appropriate resources to cite for this graduate, advanced course
- Prior editions of the required 2014 textbook are not acceptable
• Citations and references using these type of materials will not be counted toward earning points for the assigned activity
• Secondary resources are not acceptable unless not available within a library system
• Google is not considered a scholarly or academic search engine and should be used minimally – if at all

**Originality Checker Statement:** Consistent with MSU efforts to enhance student learning, foster honesty, and maintain integrity in university academic processes, instructors may use a tool called Originality Checker to compare a student’s work with multiple sources. The tool compares each student’s work with an extensive database of prior publications and papers, providing links to possible matches and a “similarity score”. The tool does not determine whether plagiarism has occurred or not. Instead, the instructor must make a complete assessment and judge the originality of the student’s work. All submissions to this course may be checked using this tool. It can also be used by the student to check originality as well as grammar and spelling.

**Grading Scale:**

A grade of 3.0 must be achieved in order to pass NUR 805.

Grades will be determined by adding all of the course activities together and arriving at a specific number (point total). *This course is founded on points – not percentages!*

The MSU 4.0 grading system will be utilized to report final course grades. Activity points will be rounded to whole numbers using the 0.5 rules. Points at ≥ 0.5 will be rounded up while those < 0.5 will be rounded down to the nearest whole number. *Grades will be posted electronically within two (2) weeks of the assignment due date.*

• There is no opportunity for “extra credit” or “make up work” in this course
• Late work will not be accepted
• Work that does not follow course guidelines for formatting – will not be accepted

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

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<tr>
<th>LOW</th>
<th>HIGH</th>
<th>%</th>
<th>GRADE</th>
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<tbody>
<tr>
<td>348</td>
<td>370</td>
<td>94 – 100</td>
<td>4.0</td>
</tr>
<tr>
<td>322</td>
<td>347</td>
<td>87 – 93</td>
<td>3.5</td>
</tr>
<tr>
<td>296</td>
<td>321</td>
<td>80 – 86</td>
<td>3.0</td>
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<tr>
<td></td>
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<td></td>
<td><em>Passing</em></td>
</tr>
<tr>
<td>278</td>
<td>295</td>
<td>75 – 79</td>
<td>2.5</td>
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<tr>
<td>259</td>
<td>277</td>
<td>70 – 74</td>
<td>2.0</td>
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<tr>
<td>241</td>
<td>258</td>
<td>65 – 69</td>
<td>1.5</td>
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<tr>
<td>222</td>
<td>240</td>
<td>60 – 64</td>
<td>1.0</td>
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<tr>
<td></td>
<td>221</td>
<td>Below 60</td>
<td>0.0</td>
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**Evaluation:** point determination will be as follows:

<table>
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<tr>
<th>ACTIVITY</th>
<th>POINTS</th>
<th>#</th>
<th>TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction of Self</td>
<td>10</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>Academic Integrity Agreement</td>
<td>P/F</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Quiz</td>
<td>30</td>
<td>4</td>
<td>120</td>
</tr>
<tr>
<td>Discussion Topic</td>
<td>30</td>
<td>3</td>
<td>90</td>
</tr>
<tr>
<td>Examination Proctor Agreement Form</td>
<td>P/F</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Final Examination</td>
<td>150</td>
<td>1</td>
<td>150</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td><strong>370</strong></td>
</tr>
</tbody>
</table>

- Students are able to view points and grade summary at any time during the semester
- If a student realizes or discovers they are experiencing academic difficulty in the course, contact the lead faculty as soon as possible
  - Being proactive for self is considered a good quality for APRNs!
  - Do not postpone discussions until it is too late
  - No one is perfect or knows everything; don’t be afraid to ask for help!
- Students who require accommodations are encouraged to provide the faculty with the required documentation consistent with MSU policy so appropriate support can be implemented at the beginning of the semester

**Academic Progress:**

Any student who has a concern about his/her grade is responsible for contacting the NUR 805 lead faculty to discuss the concern. Students who are experiencing academic difficulty should request NUR 805 lead faculty guidance early in the course.

Mid-semester Progress Reports are sent out during week 7 and 8 with instructions on how to write an academic plan for success for students not passing at an 80%. The Office of Student Support Services will be notified.

For specific policies regarding monitoring of student progress and resources for academic assistance, students should refer to the MSU CON Master of Science in Nursing Student Handbook that is available online at: http://nursing.msu.edu/MSN%20Programs/Handbooks/default.htm

**Professionalism:**

Preparation for the professional APRN requires more than the acquisition and application of knowledge. The term professionalism embraces a set of attitudes, skills and behaviors, attributes and values which are expected from those to whom society has extended the privilege of being considered a professional. Therefore, in addition to the academic standards listed, the student must demonstrate:

- Accountability and responsibility for the course and MSN nursing requirements
- Appropriate interpersonal relations and communication with peers, faculty and MSU College of Nursing staff
- Respect for faculty and classmates
- Civility, humility, hospitality
• Responsible fulfillment of all class obligations
• Honesty and integrity in all academic and professional matters
• Ethical behavior and conduct including any involvement in social media engagement
• The ability to interact with course faculty when there are questions and/or concerns regarding evaluation
• Ability to accept and utilize constructive feedback as a foundation for future growth and development

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

University, College & Course 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 MSN Student Handbook. Students are responsible for reviewing and acting in accordance with the policies, procedures and topics including: Professionalism, Academic Integrity, Accommodations for Students with Disabilities, Disruptive Behavior, Attendance, Compliance, and Progression.

• College of Nursing MSN Student Handbook
  Students are responsible for all information contained in this document, updated yearly
  http://nursing.msu.edu/MSN%20Programs/Handbooks/default.htm
• The American Nurses Association (ANA) Code of Ethics with Interpretive Statements must be followed at all times; it can be viewed at
  http://www.nursingworld.org/ethics/code/protedtec_nwcoe303.htm
• MSU Spartan Life Online http://www.vps.msu.edu/SpLife
• Information for MSU Students http://www.msu.edu/current/index.html
• Academic Programs http://www.reg.msu.edu/AcademicPrograms
• Code of Teaching Responsibility, Student Assessments and Final Grades
  http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=514
• Integrity of Scholarship and Grades
  http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=534
• University Committee for Research Involving Human Subjects (UCRIHS)
  http://education.msu.edu/cepsn/mqm/handbook/research-human-subjects.asp
• The MSU Guidelines for Integrity in Research and Creative Activities
  http://grad.msu.edu/all/ris04activities.pdf
• Graduate Student Resource Guide http://grad.msu.edu/conflict.htm
  • The Graduate Student Rights and Responsibilities (GSRR) Articles address professional standards for graduate students as follows: “Each department/school and college shall communicate to graduate students, at the time of their enrollment in a degree program or course in the unit, any specific codes of professional and academic standards covering the conduct expected of them.” (Article 2.4.7). “The graduate student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards” (Article 2.3.8).
  • Professional expectations are rooted in the maintenance of high quality working relationships with faculty, peers, research participants, staff, and all others with whom the graduate student interacts. Aspects of high quality working relationships that are addressed in the GSSR as
shared faculty-student responsibilities include: *mutual respect, understanding, and dedication to the education process* (2.1.2); *maintenance of a collegial atmosphere* (2.3.7); and *mutual trust and civility* (2.3.1.2).

**Library Information:**

- Library Services: http://www.lib.msu.edu/services
- MSU Library: 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://msu.edu/viewpathfinder.asp?id=2507
- American Nurses Association Electronic Books (E-books), *see below*


*American Nurses Association (2010). Nursing Scope and Standards of Practice*. Silver Spring, MD


*Note to Students: Access these e-books through the MSU Libraries Catalog or the Nursing E-book page: http://libguides.lib.msu.edu/nursingebooks. These e-books allow unlimited concurrent users.

**Plagiarism:**

"Plagiarism (from the Latin plagiarius, an abductor, and plagiare, to steal) is defined by the White House Office of Science and Technology Policy on Misconduct in Research as “… the appropriation of another person’s ideas, processes, results or words without giving appropriate credit” (Michigan State University, Office of the Ombudsman – What Are MSU’s Policies on Plagiarism? Retrieved from http://www.msu.edu/unit/ombud/plagiarism.html).

Academically dishonest behavior presents an ethical and moral dilemma in on-line learning. With easy access to expanded technology and abundant resources on-line, the magnitude of academic dishonesty has increased. In this course, it is expected that students will complete their own work and recognize the work of others through appropriate citations including quotation marks, page or paragraph numbers and references.

Paraphrasing means taking someone else’s ideas and words and correlating them to your own ideas - in your own words. Paraphrasing does NOT mean changing a word or two in someone else's sentence, changing the sentence structure while maintaining the original words, or changing a few words to synonyms. If you are tempted to rearrange a sentence in any of these ways, you are writing too close to the original. That's plagiarizing, not paraphrasing.

Paraphrasing is an acceptable way to use another person's ideas to support your argument as long as you attribute the material to the author and cite the source in the text at the end of the sentence. In order to make sure you are paraphrasing in the first place, take notes from your reading *with the book closed*. Doing so will make it easier to put the ideas in your own words.

In individual work, the student should be able to demonstrate:

- A clear understanding of the material read
• Knowledge of scholarly, evidence-based resources that support the ideas that have been developed
• Thorough analysis of the material from the textbook or acceptable resources that reflect individual understanding and uniqueness
• When a source is cited, the writer is using an expert's ideas as proof or evidence of a new idea they are trying to communicate to the reader
• Copy/paste is not allowed
  o Information is to be typed out with appropriate use of citations
    ▪ Including tables, diagrams, etc.

A citation to a resource is needed when:
• Direct quotes are placed within quotation marks *(requires a name, date & page number as well)*
• Words used by the author are changed into synonyms
• The ideas referred to have been completely paraphrased
• A sentence is mostly made up of your own thoughts, but contains a reference to the author's ideas
• An author's name is mentioned in the sentence
• Generally, all statistics, numbers and facts require a citation
• Any clip art or photographs are utilized
• *The moral: When in doubt, provide a citation*

**Academic Integrity:** Article 2.3.3 of the Academic Freedom Report states that "The student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards." In addition, the College 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 http://splife.studentlife.msu.edu/ and/or the MSU Web site: www.msu.edu).

- **NUR 805:**
  • Academic integrity is a minimal expectation
  • *Academic dishonesty in any form will not be tolerated*
    o Any student involved in “suspected” academic dishonesty will be reported to the Office of Student Support Services and the Office of Academic and Clinical Affairs in the College of Nursing
    o A grade of 0.0 may be issued for the course
  • Unless authorized by faculty, students are expected to complete quizzes without assistance from any source – human, written, audio, visual, sensorial
  • Quizzes and the final examination may not be taken in any close proximity to another student in the course (same building [unless proctored]); IP addresses are sent to the D2L administrative staff and compiled in reports
  • Quizzes or the examination should not be entered before the student is ready to answer and submit.
    o Other windows should not be open on the computer during the quiz or exam time
    o Cache and cookies need to be cleared prior to taking a quiz or the final examination
    o It is imperative that when the quiz or exam window is opened, the student is prepared to answer the questions in the allotted time frame and submit for evaluation
    o Always have a back-up, emergency plan in place!
  • No books, notes, individuals, or web surfing can be allowed during quizzes/exams; *it will not be tolerated*
    o D2L is able to track access and opening of additional windows – including pinpointing where the course was entered (geographic location through IP addresses)
Please do not be tempted to engage in unethical behavior as it will potentially result in no points being awarded for the work and a potential failure for the course and possible expulsion from the College of Nursing and the university.

- Students are expected to develop original work for this course; course work completed for any another course may not be submitted to satisfy the requirements for NUR 805
- Students may not utilize a previous students work or faculty materials and submit as their own
- Students are not authorized to use the 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 the lead faculty with any questions about the appropriateness of course work
  - See also https://www.msu.edu/unit/ombud/academic-integrity/index.html#regulations
- All course materials and activities 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
- All faculty generated materials are the intellectual property of faculty
  - You may print for personal, study only purposes
  - Faculty materials may not be shared with others without first asking permission of the faculty author
- 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 may be required still require individual work as a minimal expectation
    - Timeliness, utilization of up to date materials, ethical behavior are the expectations of all members of a team when creating a joint project
  - Any submission that is deemed unprofessional, negative or inflammatory may be deleted by faculty

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: 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.

- **NUR 805**: 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.
Attendance: 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. See the Ombudsman’s web site for a 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.

- **NUR 805 On-Line 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
  - **Attendance is mandatory** for the on-campus intensive and the 2 days scheduled for on-campus or through Zoom
  - Points are earned for quality and timeliness of work and in communicating with the faculty
  - Lack of participation or communication is not acceptable
  - Communication that is not scholarly or academic in nature is not acceptable
  - Minimal work will earn minimal points
  - Engagement is valued for scholarly debate and dialogue which is essential in an on-line graduate course
  - 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 quiz, test, or teaching information that was missed because of discretionary absence
    - Each faculty has the responsibility of informing students of what portion of the final grade is determined by regular class attendance
    - In this course, weekly participation is considered mandatory and a requirement for successful completion of the course

End of Semester Grades & Transcripts:

- MSU no longer sends grades to individuals
- As soon as the final grades are submitted (usually the week following final's week), you will be able to access your grade report by going to the Student info site located at https://ntweb1.ais.msu.edu/StuInfo/
- If you require a transcript of the grade be sent to another university, you may do that online by going to http://www.reg.msu.edu/StuForms/TranscriptRequest/Transcript.asp
  - Remember, this can only be done after the final grades have been submitted to the Registrar and grades recorded by the university (generally completed on the Wednesday following final exam week); consult the University Academic Calendar to see the specific date

Fair Use:

Under Fair Use, images, photographs, and other artist work in this course are used for non-profit educational purposes. Materials are located in the public domain, free stock photos (for example Google Image), clip-art
image stock (for example, Microsoft Office Clip Art), and government and educational image/health libraries. Images are given attribution in respect of the author and any copyright issues.

Student Feedback:

- Ongoing student feedback related to the course, faculty, and sharing of ideas is appreciated throughout the entire semester
- In NUR 805, faculties are always looking for better ways to help students learn the material
  - If you find any errors (grammar, spelling, etc) in the documents – please let the lead faculty know
  - Faculties are always happy to receive constructive and specific comments!
- Students will be asked to complete the university SIRS forms for the course and faculty at the end of the semester; this information is confidential and gives a voice to students in sharing thoughts about the learning experience
- Thank you in advance for any comments!

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 on-line course setting, faculties are available to answer questions in a different manner
  - It may take up to 72 hours for faculty to respond to student questions – especially after 5:00 pm (1700), excluding weekends and holidays
- Faculties are not on-line 24 hours a day, 7 days a week
  - Expect a reasonable response time for answers to questions
  - Do not wait until the last minute to ask an important question – plan ahead!
- Generally, faculty will not respond to Discussion Topics after 1700 (5:00 pm ESDST) on Friday
- Please write e-mail in complete sentences; emails are considered professional communication
  - Remember, you are not internet messaging or texting to a friend
  - You must sign your 1st name to all e-mail communications & DTs
- If you would like to make an appointment to meet face to face, please contact the lead faculty
- If you send an e-mail communication to faculty and do not hear back from within 72 hours (except when the faculty member has communicated they are not available), please let the lead

Course Calendar:

The faculty reserves the right to revise the course calendar as deemed appropriate and necessary. Students will receive advanced notice of any changes via MSU e-mail and Course News. Once the course is started, no revisions of the calendar will occur in a written format. Messages will be sent through the MSU e-mail system or the D2L course. It is the student’s responsibility to pay attention to all faculty communication.
<table>
<thead>
<tr>
<th>WEEK &amp; DATE</th>
<th>CONTENT</th>
<th>TEXTBOOK READINGS</th>
<th>ENRICHMENT ACTIVITY</th>
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<tr>
<td>1</td>
<td><em>Introduction to the Course &amp; the D2L Course Management System</em></td>
<td>McCance &amp; Huether</td>
<td><em>Introduction of Self</em></td>
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<tr>
<td>August 31st - Sept 3rd</td>
<td><em>MODULE I: The Cell</em></td>
<td>Chapter 1: pages 1 - 48</td>
<td><em>Academic Integrity Agreement</em></td>
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<td></td>
<td><em>MODULE II: Genetics</em></td>
<td>Chapter 2: pages 49 - 90</td>
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<td><em>MODULE III: Mechanisms of Self Defense</em></td>
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<td><em>MODULE II: Genetics</em></td>
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<tr>
<td>Sept 4th - 10th</td>
<td><em>duğu</em> <em>Mechanisms of Self Defense</em></td>
<td>Chapter 4: pages 135 - 163</td>
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<td><em>MODULE III: Mechanisms of Self Defense</em></td>
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<td></td>
<td><em>MODULE III: Mechanisms of Self Defense</em></td>
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<td>3</td>
<td><em>MODULE III: Mechanisms of Self Defense</em></td>
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<td><em>Discussion Topic (DT) #1</em></td>
</tr>
<tr>
<td>Sept 11th - 17th</td>
<td><em>duğu</em> <em>Mechanisms of Self Defense</em></td>
<td>Chapter 7: pages 191 - 222</td>
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<td></td>
<td><em>MODULE III: Mechanisms of Self Defense</em></td>
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<td><em>MODULE III: Mechanisms of Self Defense</em></td>
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<td><em>MODULE III: Mechanisms of Self Defense</em></td>
<td>Chapter 11: pages 338 – 359</td>
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<td>4&lt;br&gt;Sept 18th - 24th</td>
<td>• MODULE IV: Neurologic System</td>
<td><em>McCance &amp; Huether</em>&lt;br&gt;- Chapter 15: pages 447 - 481&lt;br&gt;- Chapter 16: pages 484 - 521&lt;br&gt;- Chapter 17: pages 527 - 577&lt;br&gt;- Chapter 18: pages 581 - 636&lt;br&gt;- Chapter 19: pages 641 - 658&lt;br&gt;- Chapter 20: pages 660 – 685</td>
<td>• DT #1 Dialogue&lt;br&gt;Due Sept 24th by 2355</td>
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<td>5&lt;br&gt;Sept 25th - Oct 1st</td>
<td>• MODULE V: Endocrine &amp; Reproductive Systems</td>
<td><em>McCance &amp; Huether</em>&lt;br&gt;- Chapter 21: pages 689 - 714&lt;br&gt;- Chapter 22: pages 717 - 762&lt;br&gt;- Chapter 23: pages 768 - 797&lt;br&gt;- Chapter 24: pages 800 - 876&lt;br&gt;- Chapter 25: pages 895 - 915&lt;br&gt;- Chapter 26: pages 918 – 942</td>
<td>• Proctor Agreement Form&lt;br&gt;Due Sept 30th by 1700</td>
</tr>
<tr>
<td>6&lt;br&gt;Oct 2nd - 8th</td>
<td>• MODULE VI: Hematologic System</td>
<td><em>McCance &amp; Huether</em>&lt;br&gt;- Chapter 27: pages 945 - 980&lt;br&gt;- Chapter 28: pages 982 - 1006&lt;br&gt;- Chapter 29: pages 1008 - 52&lt;br&gt;- Chapter 30: pages 1055 - 81</td>
<td>• Quiz #2&lt;br&gt;Due Oct 8th by 2355</td>
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<td>7&lt;br&gt;Oct 9th - 15th</td>
<td>• MODULE VII: Cardiovascular &amp; Lymphatic Systems</td>
<td><em>McCance &amp; Huether</em>&lt;br&gt;- Chapter 31: pages 1083 - 126&lt;br&gt;- Chapter 32: pages 1129 - 188&lt;br&gt;- Chapter 33: pages 1194 - 223</td>
<td>• DT #2&lt;br&gt;Due Oct 14th by 0800</td>
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*Mid-Semester Student Progress Reports Due October 19th*
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<tr>
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| 8 Oct 16th - 22nd | MODULE VIII: Pulmonary System | McCance & Huether  
- Chapter 34: pages 1225 - 246  
- Chapter 35: pages 1248 - 285  
- Chapter 36: pages 1290 - 314 | DT #2 Dialogue  
Due Oct 22nd by 2355 |
| 9 Oct 23rd - 29th | MODULE IX: Renal & Urologic Systems | McCance & Huether  
- Chapter 37: pages 1319 - 338  
- Chapter 38: pages 1340 - 371  
- Chapter 39: pages 1376 - 390 | Quiz #3  
Due Oct 29th by 2355 |
| 10 Oct 30th - Nov 5th | MODULE X: Digestive System | McCance & Huether  
- Chapter 40: pages 1393 - 420  
- Chapter 41: pages 1423 - 477  
- Chapter 42: pages 1486 - 505 | |
| 11 Nov 6th - 12th | MODULE XI: Musculoskeletal System | McCance & Huether  
- Chapter 43: pages 1510 - 537  
- Chapter 44: pages 1540 - 587  
- Chapter 45: pages 1591 - 614 | Quiz #4  
Due Nov 12th by 2355 |
| 12 Nov 13th - 19th | MODULE XII: Integumentary System | McCance & Huether  
- Chapter 46: pages 1616 - 649  
- Chapter 47: pages 1653 - 665 | DT #3  
Due Nov 18th by 0800 |
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<th>WEEK &amp; DATE</th>
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| 13 Nov 20\(^{th}\) - 26\(^{th}\) | • MODULE XIII: Multiple Interacting Systems | *McCance & Huether*  
- Chapter 48: pages 1668 – 1725 | • DT #3 Dialogue  
Due Nov 26\(^{th}\) by 2355 |
| 14 Nov 27\(^{th}\) - Dec 3\(^{rd}\) | • Summary Review | *McCance & Huether*  
- Chapter Summaries: 1 – 11; 15 - 47 | |
| 15 Dec 4\(^{th}\) - 10\(^{th}\) | • FINAL EXAMINATION | Bring:  
- MSU ID or current driver license (must have photo)  
- Personal lap top with fully charged battery & ExamSoft software correctly installed  
- A positive attitude! | Thursday  
Dec 8  
0900 – 1100  
On-Campus  
A 131 LSB |

Winter Break