



NURS 3317.01B: Pathophysiology/Pharmacology 2
Course Syllabus: Spring 2020

Instructor: Cheryl McKenna, MSN, RN (Course Coordinator)
Office Location: Nursing and Health Science Building, 2nd Floor, Office 236
Office Hours: As posted and by appointment
Office Phone: 903-886-5306
Office Fax: 903-886-5729
University Email Address: Cheryl.McKenna@tamuc.edu
Preferred Form of Communication: Email
Communication Response Time: 2 business days

Instructor: Jennifer Ashcraft, MSN, RN
Office Location: Nursing and Health Science Building, 2nd Floor, Office 231
Office Hours: As posted and by appointment
Office Phone: 903-886-5256
Office Fax: 903-886-5729
University Email Address: Jennifer.Ashcraft@tamuc.edu
Preferred Form of Communication: Email
Communication Response Time: 2 business days

COURSE INFORMATION

Materials- Textbooks, Readings, Supplementary Readings:

Textbook(s) Required:

Lewis, S.L., Bucher, L., Heitkemper, M. M., & Harding, M. M. (2017) *Medical surgical nursing*. (10th ed.). St. Louis: Elsevier. ISBN: 978-0323328524.
McCustion, L.E., Vuljoin-DiMaggio, K, Winton, M.B. and Yeager, J.J. (2017) *Pharmacology: A patient centered nursing process approach*. (9th ed.). St. Louis: Saunders Elsevier. ISBN: 978-0323399166.
Vallerand, A.H., & Sanoski, C. A. (2019). *Davis' drug guide for nurses* (16th ed.). Philadelphia: F. A. Davis. ISBN: 9780803669451 or any current drug book.

COURSE DESCRIPTION: (3 credit hours)

This course combines two related nursing concepts, pathophysiology and pharmacology. Pathophysiology relates manifestations of disease, risk factors for disease, and the principles of pathology underlying illness and injury to therapeutic nursing interventions and outcomes. Pharmacology focuses on the basic drug classification, concepts and principles of pharmacology with special consideration for the nursing role in developing a comprehensive approach to the clinical application of drug therapy through the use of the nursing process. Nursing implications relative to the utilization of drug therapy are examined.

Student Learning Outcomes:

By the end of the course, the student will be able to:

1. Identify side effects, adverse drug reactions, drug-drug, and drug-nutrient interactions of selected drugs covered in this course (**Essentials VII**).
2. Describe major classifications and actions of selected drugs used in current treatment of diseases (**Essentials VII**).
3. Provide patient teaching regarding drug therapy that reflects rural access, developmental stage, age, culture, and spirituality (**Essentials VII**).
4. Apply principles of normal anatomy and physiology of human body systems to the pathophysiologic processes of prescribed health problems (**Essentials I**).
5. Identify concepts, principles, and responses related to pathophysiologic processes that result in disease (**Essentials VII**).
6. Discuss clinical manifestations of selected disease processes and health problems (**Essentials VII**).
7. Discuss the nurse's role and responsibility for assessment of individuals experiencing health problems that result in pathophysiologic alterations (**Essentials VIII**).

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Using the learning management system, using Microsoft Word and PowerPoint.

Instructional Methods

This is a blended course requiring students to complete reading assignments, online activities and independent study to be successful. Course objectives may be met through individual study using suggested resources, active involvement in classroom activities, formal, and informal exchange of ideas with classmates and colleagues regarding specific topics as well as utilizing critical thinking skills. Teaching methods that may be used include: lecture, discussion, demonstration, media resources (YouTube and others), role playing, simulation, team-based learning strategies, audio-visual aids, computer assisted instruction, study and practice groups, and case study. While the professors will provide guidance and consultation, the student is responsible for identification of learning needs, self-direction, seeking consultation, and demonstration of course objectives.

Student Responsibilities or Tips for Success in the Course

The student is responsible for reviewing and understanding the policies and procedures in the *BSN Student Guide*.

Specific information for the nursing student regarding the nursing program and current policies and procedures can be found here:

<http://www.tamuc.edu/academics/colleges/educationHumanServices/departments/nursing/Current%20Students/studentguidebook/default.aspx>

This course meets for class every Tuesday. It is recommended that students spend at least 12 hours per week (or longer) in study time for this course. Students are expected to complete assigned readings and other assignments as indicated on D2L and in the syllabus prior to class, lab, and clinical. Students will not be successful in this course without this preparation and additional time spent studying content materials. Students are expected to come prepared to class, simulation, lab, and clinical and all assigned experiences in order to be successful in this course. Lack of preparation is grounds for sending the student home. ATI Testing provides a Pharmacology Made Easy module that all students may access. Please use the

tutoring section for remediation.

Other Student Responsibilities or Tips for Success in the Course include:

- Logging into the course website daily during the week
- **Checking emails at least daily**
- Updating semester calendar with communicated changes
- At least three hours of weekly study
- Attendance at all class meetings, clinical, seminars and simulations
- Review of examinations.

GRADING

Final grades in this course will be determined as follows:

Grading Scale:

A = 90-100

B = 80-89

C = 75-79

D = 60-74

F = Below 60

All coursework must be completed/submitted to complete the course.

Assignments	Weight
Exams (7) (10% each)	70%
Patho/Pharm Teaching Plan/Tool	18%
Pework (6 each, 2%)	12%
Total	100%

A minimum grade of 75 is required to pass the course. Students must achieve a minimum average of 75% on all exams in order to pass the course. Other graded assignments will not be added to the final grade unless exam grade average is 75% or higher.

All students with an exam grade of less than 75 must review their exam. It is the student's responsibility to contact their clinical instructor or course coordinator by email to set up an appointment to review the exam. The current exam must be reviewed before the next scheduled exam. Only the most current exam may be reviewed. Do not wait until the last minute to request a review. Of course, all students are welcome to review their exams but should follow the same procedure.

Late Submissions:

It is expected that you will submit all class and clinical assignments on time. If you need an extension, it should be requested before the due date/time and may or may not be approved at the discretion of the course coordinator. Unexcused late assignments will be penalized 10% per day for each of the first two days overdue; on the 3rd day, the grade will be assigned as 0%. Communication on these matters is the student's responsibility.

Multiple instances of late clinical assignments will result in receipt of a Student Performance and Behaviors Evaluation Form and, possibly, failure of clinical/course.

Paper Submissions:

All documents submitted online are to be in .docx, .rtf, or .pdf format. No other formats will be accepted (JPEG, GIF, etc.). Assignments need to be submitted in a maximum of one document per assignment. Failure to follow these guidelines will result in a grade of "0" on the assignment.

Group Work:

All members of the group will receive the same grade on any group work. However, a student can be removed from his/her team if the other students in the group come to the instructor and report that a student is not doing his/her fair share of the work. If that happens, the instructor will notify the student in writing. The student will then be responsible for doing the assignment on his/her own. It is expected that the group will make the attempt to resolve the situation within the group before instructor intervention. NURS 3317.01B has no assigned group work.

ASSIGNMENTS

Ticket to class: There will be six (6) class days that students will be required to complete pre-work prior to class and submit the pre-work. Three are assigned to Pathophysiology and three to Pharmacology. **Students who do not bring the completed work to class that day will not be allowed to remain in class.**

Patho/Pharm Teaching Plan - Students will create a teaching plan over an assigned disease and medication. The teaching plan is created for a fictitious adult or geriatric patient who has been diagnosed with the assigned disease and will be prescribed the assigned medication. The teaching care plan will consist of two parts:

1. Teaching care plan (Outline on D2L)
2. Handout/visual aid- Must be the student's original work. Creativity is encouraged.

All written work will be completed using APA format and the teaching plan/handout must be supported by at least 2 scholarly references. The teaching plan and handout are due to Assignments folder by **2359 hours on April 7.**

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

TECHNOLOGY REQUIREMENTS**LMS**

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

Interaction with Instructor Statement

It is expected that you will check your D2L course and email at least every 48 hours for communication from instructors. A response to any email or message will occur within two (2) business days.

Communication between faculty and students is important and taken seriously. Preferred communication methods are through individualized faculty office hours, email, or office phone. If a phone call is not answered, please leave a message and send an e-mail using the direct e-mail link on the course home page. You will be treated with collegial respect and you are expected to communicate likewise in a professional manner. It is expected that assignments will be graded and returned to the student within two (2) weeks of submission.

Email is preferred as the standard form of communication in this class. Please keep phone calls to a minimum. I expect your emails to be professionally prepared. For example:

“Dear Professor/Dr.. Lancaster, Hello, Greetings, Good Morning/Afternoon, etc.

Your message

Sincerely, Thank you, Regards, etc.

Your full name”

Remember to professionally compose your e-mail messages with proper grammar, spelling, and a professional tone. Properly addressed and signed e-mails will be replied to within 48 hours during business hours. If a face-

to-face conference is required between the student and the instructor in the instructor's office, an appointment must be made several days in advance by the student

Nursing Student Guide

Specific information for the nursing student regarding the nursing program and current policies and procedures can be found in the BSN Student Guide located

here: <http://www.tamuc.edu/academics/colleges/educationHumanServices/departments/nursing/Current%20Students/BSNstudentguidebook/default.aspx>

It is the student's responsibility to review and understand the policies and procedures provided in the student guidebook as all students are held to the statutes and policies therein.

The Board of Nursing requires applicants, students throughout the program, graduates and licensure renewals to answer questions as to their ability to be admitted to a nursing program, sit for the NCLEX-RN exam or be re-licensed. You are responsible for checking those questions to be sure you are still in compliance. Keep in mind that your fingerprints are on file with the BON so if you should ever be arrested, they would be notified. You should notify them proactively. The link is as follows:

http://www.bon.texas.gov/licensure_eligibility

Professional Behavioral Standards Policy:

The Texas A&M University Commerce Nursing Department expects all students to act with professionalism and high regard for ethical conduct in all matters. The Professional Behavioral Standards Policy is listed in the BSN Student Guide.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](#).

<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: <https://www.britannica.com/topic/netiquette>

TAMUC Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduate/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

[Graduate Student Academic Dishonesty 13.99.99.R0.10](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf>

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library- Room 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: studentdisabilityservices@tamuc.edu

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures

CLASS

1. Class Cancellation: In the event that a class is canceled, the student is expected to do the readings and complete the objectives for that day. The content will still be included on examinations. The material in this syllabus and dates identified in the Course Calendar are subject to change.
2. Class attendance is expected. The students should notify course faculty in advance of any absence.
3. Exam dates are listed in each course syllabus, and the student is expected to be present for exams. In the event that the student will be absent, the course instructor must be notified in advance. Failure to do so will result in the student receiving a zero for the missed exam or quiz.
4. As an adult learner and responsible professional, the student is responsible for reading and completing assignments prior to class and for being prepared to participate in discussions over the assigned material. It should not be expected that all material will be covered in class. Students are expected to come to class prepared.

Late Submission

It is expected that you will submit all assignments on time. If you need an extension, it should be requested before the due date and may or may not be approved at the discretion of the course coordinator. Unexcused late assignments will be penalized 10% per day for each of the first two days overdue; on the 3rd day, the grade will be assigned as 0%. Communication on these matters is the student's responsibility.

Paper submissions

All documents submitted online are to be in .docx, rtf, or pdf format. No other formats will be accepted (JPEG, GIF, etc.). Assignments need to be submitted in a maximum of one document per assignment. Failure to follow these guidelines will result in a grade of "0" on the assignment.

Group Work

All members of the group will receive the same grade on the group work. However, a student can be removed from his/her team if the other students in the group come to the instructor and report that a student is not doing his/her fair share of the work. If that happens, the instructor will notify the student in writing. The student will then be responsible for doing the assignment on their own. NURS 3317.01B has no assigned group work in the course.

Professional Behavioral Standards Policy

The Texas A&M University -Commerce Nursing Department expects all students to act with professionalism and high regard for ethical conduct in all matters. The Professional Behavioral Standards Policy is listed in the BSN Student Guide.

COURSE OUTLINE / CALENDAR

Texts: Lewis, Bucher, Heitkamper, & Harding. *Medical surgical nursing* (omit all Nursing Management sections)
 McCuiston et al. *Pharmacology: A patient-centered nursing process approach*

Week 1 1/13/20	Orientation to Course	
Week 2 1/21/20	Patho Sensory & Neurologic	Lewis- Chapter 20: 350-352; 361-362; Chapter 21: 367-368; 370-374; 376-380; 382-388; Chapter 55: 1294-1301; Chapter 56: 1314-1318, 1326-1229; 1333-1335; 1338-1342; Chapter 57: 1345-1352; Chapter 58: 1368-1371; 1374-1376; 1382-1385; 1387-1389; 1393-1396; Chapter 59: 1399-1404; Chapter 60: 1419-1424; 1436-1443
Week 3 1/28/20	Pharm- Neurologic & Eye/Ear Agents	McCuiston- Chapters 19, 20, 44
Week 4 2/4/20	<u>EXAM 1 from 10-11</u> Patho- Musculoskeletal <u>2/3/20 Patho Prework #1 Due</u>	Lewis- Chapter 62: 1462-1470; 1480-1487; Chapter 64: 1517-1518; 1525-1527; 1532-1533; 1534-1538; 1542; 1544; 1546
Week 5 2/11/20	Pharm- Neuromuscular <u>Pharm Prework #1 Due</u>	McCuiston- Chapter 21
Week 6 2/18/20	<u>EXAM 2 from 10-11</u> Patho- Renal, Urinary, & F&E <u>Patho Prework #2 Due</u>	Lewis Chapter 45: 1033-1034; 1038; 1039-1045; 1049-1053; 1055-1060 Chapter 16
Week 7 Thursday 2/27/20	Pharm- F&E and Herbal <u>Pharm Prework #2 Due</u>	McCuiston- Chapters 4, 12
Week 8 3/3/20	<u>EXAM 3 from 10-11</u> Patho- Integumentary	Lewis Chapter 23: pp 410-419
Week 9 3/17/20	Pharm- Skin Agents	McCuiston-Chapter 45
Week 10 3/24/20	<u>EXAM 4 from 10-11</u> Patho- Hematologic	Lewis Chapter 30
Week 11 3/31/20	Pharm- Nutrition <u>Pharm Prework #3 Due</u>	McCuiston- Chapters 13, 14
Week 12 4/7/20	<u>EXAM 5 from 10-11</u> Patho- Cancer <u>Patho Prework # 3 Due</u> <u>Patho/Pharm Teaching Plan</u> <u>Due by 2359 hours</u>	Lewis Chapter 15

Week 13 4/47/20	Pharm- Antineoplastic Agents	McCuistion -Chapters 32, 33, 34
Week 14 4/21/20	<u>EXAM 6 from 10-11</u> Patho- Reproductive	Lewis Chapters 53, 54
Week 15 4/28/20	Pharm- Reproductive & Gender- Related Agents	McCuistion - Chapters 52, 53, 54
Week 16 5/5/20	Finals Week <u>EXAM 7 from 10-11</u>	

NURS 3317-PathoPharm2
Grading Rubric: Teaching Care Plan

Name: _____

Identify one performance score per row (front/back), then tally the grade subtotal per column and subtract any

point deductions to obtain final/total points.

Paper and rubric submitted on time? Note: Late papers will be penalized 10% per day for each of the first two days overdue; on the 3rd day, the grade will post as 0%. Yes No	Yes	No
---	-----	----

Criteria	Above Average	Average	Needs Improvement
Cite a minimum of two references (textbooks and journals) plus QSEN website in body of paper and reference list using APA formatting/style	5 points Score _____	4 points Score _____	0-3 points Score _____
Nursing Diagnosis is appropriate and is correctly stated	19-20 points Score _____	15-18 points Score ____	0-14 points Score _____
Goals/Outcomes address the 3 domains of learning (cognitive, affective, psychomotor	19-20 points Score _____	15-18 points Score _____	0-14 points Score _____
Goals/Outcomes are specific, realistic, and measurable	14-15 points Score _____	12-13 points Score _____	0-11 points Score _____
Teaching topics are appropriate for the goals	9-10 points Score _____	7-8 points Score _____	0-6 points Score _____
Teaching topics are supported by rationale	14-15 points Score _____	12-13 points Score _____	0-11 points Score _____
Handout is appropriate for disease process and medication	9-10 points Score _____	7-8 points Score _____	0-6 points Score ____
Handout demonstrates creativity	5 points Score _____	3-4 points Score _____	0-2 points Score _____
Grade Subtotal			
Note: Up to 20% may be deducted from grade for incorrect	Total Points Deducted: _____		

grammar, sentence structure, punctuation, spelling, and use of APA.			
---	--	--	--

Total Points: _____

Texas A&M University - Commerce
NURS 3317.01B
Teaching Care Plan

Name: _____

Teaching/Learning Nursing Diagnosis:	
Short Term Goals/Outcomes (1 per learning domain)	1. (Cognitive) 2. (Affective) 3. (Psychomotor)
Nursing Interventions with Rationales (1 NI includes content to be taught)	Evaluation/Client Response
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
Evaluation of Goals:	

Information Taught

Content	Rationale
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.
9.	9.
10.	10.