



WACO, TEXAS

**COURSE SYLLABUS
AND
INSTRUCTOR PLAN**

Pharmacology for Health Professions

HPRS 2300.087

**Dr. Bridgit Moore
EdD, MLS(ASCP)**

NOTE: This is a 16-week online course.

Course Description:

A study of drug classifications, actions, therapeutic uses, adverse effects, methods of administration, client education, and calculation of dosages. Emphasis is placed on the role of pharmacology in the study of human diseases. Semester Hours 3 (3 lec)

Prerequisites and/or Corequisites:

Prerequisite: A course in anatomy and physiology or medical terminology or consent of the instructor.

Course Notes and Instructor Recommendations:

COMPUTER RESOURCE AT MCC: Students may use computers located in the Library, located on the third floor of the Learning Technology Center. Computers are also available in open computer labs in various areas on campus. OFF-CAMPUS COMPUTER

REQUIREMENTS: The link for the Microsoft Viewers for Word that is used in this course is: <http://www.microsoft.com/office/000/viewers.asp> IBM-compatible Intel Pentium II or higher computer system; minimum 128 MB of RAM; 200 MB of available hard disk space; minimum 56K modem; CD ROM-drive and Internet Explorer 5.5 or higher. Students will not need a PowerPoint viewer for this course. The AOL Internet browsers are not supported for MCC Brightspace or e-mail access.

Instructor Information:

Instructor Name: Dr. Bridgit Moore

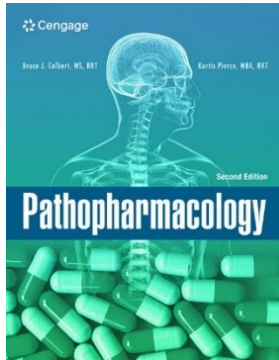
MCC E-mail: bmoore@mclennan.edu

Office Phone Number: 254-299-8963

Office Location: HP 115

Office/Teacher Conference Hours: by appointment

Required Text & Materials:



Pathopharmacology
by Bruce Colbert, Kurtis Pierce
2nd Edition | Copyright 2024
ISBN: 978-0-3576-1816-5

Please NOTE: A print copy of the textbook is not available. There is an electronic textbook within the MindTap program that you can use. You must still purchase the computer access code.

Toll-free number for help with your MindTap account: 1-800-354-9706

The materials required for this course and any others using Cengage products are included in ONE Cengage Unlimited subscription. With the Unlimited subscription, you get access to ALL Cengage online textbooks, platforms, study tools and more—in one place. Purchase the computer access code that is \$124.99. You will need a credit card to do this. You may also use your financial aid to purchase just the computer access code from the MCC bookstore. Visit cengage.com/unlimited. See the Brightspace announcements for more information.

MCC Bookstore Website: <http://www.mclennan.edu/bookstore/>

Methods of Teaching and Learning:

Assignments and activities are online through the MindTap learning platform. There is no written final exam. All assignments and activities are due by the date specified by the instructor. You may use your textbook, but you must submit the assignment ONE TIME ONLY. If you forget, the time on the computer that records your first try is the grade that will be recorded in the gradebook. There may be one word or a phrase as the answer to a question. Fill in the blank with the most correct answer that makes grammatical sense. Pay attention to spelling and the use of dashes and slashes for the word parts. Complete each assignment and activity and you may use the audio pronunciation guide as you work through each lesson. Send me an email at bmoore@mclennan.edu if you need any help.

Course Objectives and/or Competencies:

At the completion of the course, students should be able to:

1. Describe basic disease concepts, including mechanisms of disease, neoplasms, inflammation, and infection Pharmacology for Health Professions HPRS 2300.87 4
2. Examine the basic anatomy and physiology of the body systems, etiology of various diseases and conditions, important signs and symptoms of disorders, common diagnostics, typical course and management of disorders, preventive measures, and the effects of aging
3. Identify the terminology, etiology, signs and symptoms, common diagnostics, typical course and management of disorders, and preventive measures associated with genetic and developmental disorders, childhood diseases, and mental health disorders
4. Recognize important medical terminology related to the understanding of human diseases
5. State the drug classifications and examples of medications in each class used to treat diseases, disorders and conditions related to each body system.

Course Attendance/Participation Guidelines:

If a student is not in attendance in accordance with the policies/guidelines of the class as outlined in the course syllabus as of the course census date, faculty are required to drop students from their class roster prior to certifying the respective class roster. A student's financial aid will be

re-evaluated accordingly, and the student will only receive funding for those courses attended as of the course census date.

Students are expected to maintain online decorum that includes respect for other students and the instructor, prompt and regular viewing and completion of course materials and assignments, and an attitude that seeks to take full advantage of education opportunities provided through multiple resources.

Course Outline or Schedule:

Week 1: Ch 1: Core Concepts of Disease
Week 2: Ch 2: Mechanisms of Disease
Week 3: Ch 3: Core Concepts of Pharmacology Week
4: Ch 4: Drug Administration and Dosage Forms
Week 5: Ch 5: Cancer and Neoplasms
Week 6: Ch 6: Musculoskeletal System
Week 7: Ch 7: Integumentary System
Week 8: Ch 8: Gastrointestinal System
Week 9: Ch 9: Endocrine System
Week 10: Ch 10: Urinary System
Week 11: Ch 11: Respiratory System
Week 12: Ch 12: Cardiovascular System
Week 13: Ch 13: Nervous System
Week 14: Ch 14: Eyes and Ears
Week 15: Ch 15: Reproductive System

Course Grading Information:

A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 59 and below

Grades are normally rounded up to the nearest whole number when the value is greater than 0.5.

Late Work and Make Up Work Policies:

Students are expected to complete assignments on time.

Student Behavioral Expectations or Conduct Policy:

Students are expected to maintain online decorum that includes respect for other students and the instructor, prompt and regular viewing and completion of course materials and assignments, and an attitude that seeks to take full advantage of education opportunities provided through multiple resources.

[Click Here for the MCC Attendance/Absences Policy](https://www.mclennan.edu/highlander-guide/policies.html)

(<https://www.mclennan.edu/highlander-guide/policies.html>)

Click on the link above for the college policies on attendance and absences. Your instructor may have additional guidelines specific to this course.

Updated 07/18/2023



ACADEMIC RESOURCES/POLICIES

Accommodations/ADA Statement:

Any student who is a qualified individual with a disability may request reasonable accommodations to assist with providing equal access to educational opportunities. Students should contact the Accommodations Coordinator as soon as possible to provide documentation and make necessary arrangements. Once that process is completed, appropriate verification will be provided to the student and instructor. Please note that instructors are not required to provide classroom accommodations to students until appropriate verification has been provided by the Accommodations Coordinator. For additional information, please visit www.mclennan.edu/disability.

Students with questions or who require assistance with disabilities involving physical, classroom, or testing accommodations should contact:

disabilities@mclennan.edu 2542998122 Room
319, Student Services Center

Title IX:

We care about your safety, and value an environment where students and instructors can successfully teach and learn together. If you or someone you know experiences unwelcomed behavior, we are here to help. Individuals who would like to report an incident of sexual misconduct are encouraged to immediately contact the acting Title IX Coordinator at titleix@mclennan.edu or by calling, Dr. Claudette Jackson, (Accommodations/Title IX) at (254) 299-8465. MCC employees are mandatory reporters and must report incidents immediately to the Title IX Coordinator. Individuals may also contact the MCC Police Department at (254) 299-8911 or the MCC Student Counseling Center at (254) 299-8210. The MCC Student Counseling Center is a

confidential resource for students. Any student or employee may report sexual harassment anonymously by visiting <http://www.lighthouse-services.com/mclennan/>. Go to McLennan's Title IX webpage at www.mclennan.edu/titleix/. It contains more information about definitions, reporting, confidentiality, resources, and what to do if you or someone you know is a victim of sexual misconduct, gender-based violence or the crimes of rape, acquaintance rape, sexual assault, sexual harassment, stalking, dating violence, or domestic violence.

Student Support/Resources:

MCC provides a variety of services to support student success in the classroom and in your academic pursuits to include counseling, tutors, technology help desk, advising, financial aid, etc. A listing of these and the many other services available to our students is available at <http://www.mclennan.edu/campus-resource-guide/>

Academic Support and Tutoring is here to help students with all their course-related needs. Specializing in one-on-one tutoring, developing study skills, and effectively writing essays. Academic Support and Tutoring can be found in the Library and main floor of the Learning Commons. This service is available to students in person or through Zoom. You can contact the Academic Support and Tutoring team via Zoom or email (ast@mclennan.edu) by going to our website (<https://www.mclennan.edu/academic-support-and-tutoring/>).

College personnel recognize that food, housing, and transportation are essential for student success. If you are having trouble securing these resources or want to explore strategies for balancing life and school, we encourage you to contact either MCC CREW – Campus Resources Education Web by calling (254) 299-8561 or by emailing crew@mclennan.edu or a Success Coach by calling (254) 299-8226 or emailing SuccessCoach@mclennan.edu. Both are located in the Completion Center located on the second floor of the Student Services Center (SSC) which is open Monday-Friday from 8 a.m.-5 p.m.

Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff. To schedule an appointment, go to https://mclennan.co1.qualtrics.com/jfe/form/SV_07byXd7eB8iTqJg. Both the Completion Center and Paulanne's Pantry are located on the second floor of the Student Services Center (SSC).

MCC Foundation Emergency Grant Fund:

Unanticipated expenses, such as car repairs, medical bills, housing, or job loss can affect us all. Should an unexpected expense arise, the MCC Foundation has an emergency grant fund that may be able to assist you. Please go to

<https://www.mclennan.edu/foundation/scholarships-and-resources/emergencygrant.html>

to find out more about the emergency grant. The application can be found at

https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf.

MCC Academic Integrity Statement:

Go to www.mclennan.edu/academic-integrity for information about academic integrity, dishonesty, and cheating. The unauthorized use of artificial intelligence (AI) for classwork can be a violation of the College's General Conduct Policy. Whether AI is authorized in a course and the parameters in which AI can be used in a course will be outlined by each instructor.

Minimum System Requirements to Utilize MCC's D2L|Brightspace:

Go to <https://www.mclennan.edu/center-for-teachingandlearning/FacultyandStaffCommons/requirements.html> for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

Minimum Technical Skills:

Students should have basic computer skills, knowledge of word processing software, and a basic understanding of how to use search engines and common web browsers.

Backup Plan for Technology:

In the event MCC's technology systems are down, you will be notified via your MCC student email address. Please note that all assignments and activities will be due on the date specified in the Instructor Plan, unless otherwise noted by the instructor.

Email Policy:

McLennan Community College would like to remind you of the policy (<http://www.mclennan.edu/employees/policy-manual/docs/E-XXXI-B.pdf>) regarding college email. All students, faculty, and staff are encouraged to use their McLennan email addresses when conducting college business.

A student's McLennan email address is the preferred email address that college employees should use for official college information or business. Students are

expected to read and, if needed, respond in a timely manner to college emails. For more information about your student email account, go to www.mclennan.edu/studentemail.

Instructional Uses of Email:

Faculty members can determine classroom use of email or electronic communications. Faculty should expect and encourage students to check the college email on a regular basis. Faculty should inform students in the course syllabus if another communication method is to be used and of any special or unusual expectations for electronic communications.

If a faculty member prefers not to communicate by email with their students, it should be reflected in the course syllabus and information should be provided for the preferred form of communication.

Email on Mobile Devices:

The College recommends that you set up your mobile device to receive McLennan emails. If you need assistance with set-up, you may email Helpdesk@mclennan.edu for help.

You can find help on the McLennan website about connecting your McLennan email account to your mobile device:

- [Email Setup for iPhones and iPads](#)
- [Email Setup for Androids](#)

Forwarding Emails:

You may forward emails that come to your McLennan address to alternate email addresses; however, the College will not be held responsible for emails forwarded to an alternate address that may be lost or placed in junk or spam filters.

For more helpful information about technology at MCC, go to [MCC's Tech Support Cheat Sheet](#) or email helpdesk@mclennan.edu.

Disclaimer:

The resources and policies listed above are merely for informational purposes and are subject to change without notice or obligation. The College reserves the right to change policies and other requirements in compliance with State and Federal laws. The provisions of this document do not constitute a contract.