Midwestern State University
Robert D. & Carol Gunn College of Health Sciences & Human Services
The Shimadzu School of Radiologic Sciences
Revised 8/2023

Pathophysiology Course Syllabus
RADS 3203 X11
Fall 2024
3 Credit Hours

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Email: robert.comello@msutexas.edu

- Email is the best way to reach me. If I have not responded within 72 hours, please email me again.
- **Use this information in the subject line: 3203_your last name_topic of the message.**
- Example: 3203_Sedden_Quiz 1

Office Location: Midwestern State University
                    3410 Taft Blvd., Centennial Hall 430E
                    Wichita Falls, TX 76308

Phone: (940) 397-4801

Office Hours: Please make an appointment.

Course Overview
This course investigates general and organ system pathology. Content includes etiology, pathogenesis, clinical features, prognoses, and therapies for each specific pathology.

Course Objectives
Upon completion of this course the students will:
- Describe how pathologic processes affect normal structure and function
- Identify the basic characteristics, etiology, pathogenesis, clinical features, and diagnostic tools including medical imaging procedures, prognoses, and therapies for specific pathologies
- Write a pathology report with APA citations and a properly formatted APA reference list

Methodology/Teaching Strategies

Independent reading assignments, D2L open book module quizzes, discussion boards, case study assignments, directed pathology report, and a comprehensive final examination.

Textbook
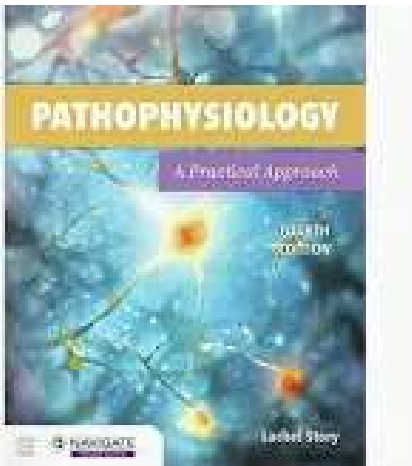
Story, L. (2022). *Pathophysiology: A practical approach* (4th ed.). Burlington, MA: Jones & Bartlett Learning. ISBN: 9781284205435

Price varies depending on vendor. Prices can range from $60.00 (used) to $100.00+ (new).

Course Communication

Contact information for the instructor is listed at the beginning of this syllabus. Email is the best and preferred mode of communication. Due to face-to-face classed, the instructor is not always readily available to answer a phone call. Students must use their standardized MSU Student email for correspondence about this course. When emailing the instructor, you must use the following subject header:

3203_your last name_topic of message
Example: 3203_Comello_Quiz 4

When there is a need to contact students, the instructor will use the student's MWSU email account, students@msutexas.edu. The instructor is not responsible for sending emails to any other email account. Faculty members will not be responsible for keeping up with other email addresses for students. If you have not established this account, do so as soon as possible by going to: http://infosys.mwsu.edu/email.asp

The instructor will respond or at least acknowledge email messages from students within a maximum of five (5) business days when MSU is in session. MSU is open only 4 days a week in the summer, so be mindful that if you email the instructor on a Friday you might not get a response until Monday. Beyond standard university holidays and breaks, the instructor will notify students of any extended periods of time when email contact is not practical (professional meetings, etc.). I will meet face-to-face with any interested students by appointment only. This meeting is optional and must be confirmed by email ahead of time with me.

Attendance

Since this is an online course, there are no mandatory face-to-face sessions. However, the student should be vigilant in logging into D2L. Regular checks will ensure messages from the instructor are received in a timely manner. This course is on a schedule that will be strictly adhered to. See the Course Schedule at the end of this syllabus for specific information about activities and due dates. The instructor will be available to meet face-to-face with any interested students. This meeting is optional and must be confirmed by email ahead of time with the instructor.

Requesting a Withdrawal

Last Day for "W", November 25 by 4:00 p.m. – Drops after this date will receive grades of "F."
Refer to the Undergraduate Bulletin for details about receiving a grade of "Incomplete" in a course. In an emergency or extenuating circumstance, a student may request a grade of "Incomplete" in a course before grades are submitted. If the instructor grants the "Incomplete," the student has until thirty (30) days after the beginning of the next long semester to complete the course requirements. If the student does not complete the course requirements within the deadline, the grade of "Incomplete" will automatically convert into a grade of "F."

Grading/Evaluation

Grade distribution
  25 % Module Quizzes
  25% Discussion Boards
  30% Pathology Report
  20% Comprehensive Final Exam

Grading Scale
  A = 90-100
  B = 80-89
  C = 70-79

D = 60-69

F = 59 or below

Feedback

Feedback varies throughout the course. The News section of the course is where I will send messages to the entire class. It is best to set up your D2L account to receive an email notification (to the email of your choice) when News items are posted.

1. Click the down arrow in the News section on the 3203 course home page
2. Select Notifications
3. Check the box next to "News- new item available" and then check any other boxes you wish to receive an email notification from.
4. Check the email address you wish to send email notifications. If you need to change this, select "change your email settings" and enter the new email address. This email address should be an email address you frequently check.

Viewing Feedback in Tests

1. Go to the place where you took the quiz,
2. Click on the down arrow next to the exam,
3. Select submissions,
4. Click on the attempt,
5. The feedback for the entire exam is displayed under Attempt Feedback
6. The feedback for each question is under the View Feedback button under each question

Viewing feedback in Assignment dropbox

Tip: You can also view assignment feedback from User Progress and Grades.

1. On the navbar, click Assignments.
2. From the Assignments page, locate your assignment, and click Unread in the Evaluation Status
   column.
3. From the View Feedback page, you can view your submission feedback, rubric assessment, and
   grade.
4. If your instructor added annotated feedback to the assignment, click View Inline Feedback. The
   annotation view opens in a new tab, displaying annotated feedback using highlighting, freehand
   drawing, shapes, and associated commenting.
5. To download the annotated assignment as a PDF, click Download.
6. When you are finished viewing feedback, navigate back to the View Feedback page and click Done.

If you are having technical difficulties accessing the course or any other technical issues please contact distance.learning@msutexas.edu .

Technical Difficulties

On occasion, you may experience problems with accessing D2L, accessing class files located within D2L, connecting with your internet service, or you may encounter other computer related problems. Make the professor aware of a technical problem as soon as possible. If a problem occurs on our end, such as D2L failure, then a due date extension will typically be granted. However, keep in mind it is your responsibility to have (or have access to) a working computer in this class. Assignments and tests are due by the due date, and personal computer technical difficulties will not be considered reason for the instructor to allow students extra time to submit assignments, tests, or discussion postings. Dropbox assignments that can be attached in an email should be emailed to the professor as soon as a problem is encountered. Failure to do so may result in points being lost, regardless of connection issues.
For help options:
- For D2L issues go online go to the Distance Education Helpdesk
- By phone call the Distance Education office at 940-397-4868 between 8am and 5pm.
- Use the D2L help link in D2L.
- Contact your professor.
- For other computer access issues, go online to the MSU Information Technology Website.

Student Responsibilities

As a student enrolled in this course, you will be responsible for adhering to and meeting posted deadlines and due dates. Posted closing dates along with assignment due dates and deadlines found in the Course Calendar within D2L will be strictly enforced. If an assignment does not meet the posted deadline, a grade of zero (0) will be recorded for that assignment. Extenuating circumstances do occur and will be addressed on an individual basis. NOTE: waiting until the last minute to submit an assignment does not constitute an extenuating circumstance.
All activities for this course are listed at the end of this syllabus.

Students must use baccalaureate level writing skills including complete sentences, correct grammar, and proper punctuation. All assignments will be graded for accuracy, completeness, quality, spelling, grammar, and integrity.

All assignments will be submitted in a dropbox within D2L. All assignments will be completed in Times New Roman or Arial, 12 point font.

See the course calendar for the specific due date.

Concealed Handgun Carry

Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the University's webpage at https://msutexas.edu/campus-carry/index.php .

Active Shooter

The safety and security of our campus is the responsibility of everyone in our community. Each of us has an obligation to be prepared to appropriately respond to threats to our campus, such as an active aggressor. Please review the information provided by MSU Police Department regarding the options and strategies we can all use to stay safe during difficult situations. For more information, visit Safety / Emergency Procedures. Students are encouraged to watch the video entitled "*Run. Hide. Fight.*" which may be electronically accessed via the University police department's webpage: *"Run. Hide. Fight."*

Special Needs

In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Midwestern State University endeavors to make reasonable adjustments in its policies, practices, services, and facilities to ensure equal opportunity for qualified persons with disabilities to participate in all educational programs and activities.

The Office of Disability Services (ODS) provides information and assistance, arranges accommodations, and serves as a liaison for students, instructors, and staff. The ODS has assistive devices such as books on tape, recorders, and adaptive software which can be loaned to qualified individuals. A student/employee who seeks accommodations on the basis of disability must register with the Office of Disability Services in the Counseling Center, Clark Student Center Room 168 (940)397-4140, https://mwsu.edu/student-life/disability/ . Documentation of disability from a competent professional is required.

Individuals with grievances related to discrimination or lack of accommodation on the basis of a disability are encouraged to resolve the problem directly with the area involved. If the matter remains unresolved, advice and/or assistance will be provided by the Office of Disability Services for resolution. The grievance procedure may be found in the Student Handbook and Activities Calendar. The ADA Coordinator may be contacted at (940)397-4140, or 3410 Taft Blvd., Clark Student Center Room 168.

Honor System
RADS 4743 adheres to the MSU Code of Conduct.

In particular, however small, academic dishonesty breaches academic integrity. Your participation in this course comes with the expectation that your work will be completed in full observance of the MSU Code of Student Conduct. You should consult the current Student Handbook for answers to any questions about the code.

All components of RADS 4743 are designed to represent the efforts of each student individually and are NOT to be shared, copied, or plagiarized from other sources. Therefore, when you submit your efforts for grading, you are attesting you have abided by this rule.

An online plagiarism and artificial intelligence screening service may be used in this course. Student assignments may be uploaded to the service to identify similarities to other student papers and published works and to detect AI-generated work.

Cheating includes but is not limited to

- Use of any unauthorized assistance in taking quizzes, tests, or examinations
- Dependence upon the aid of sources beyond those authorized by the professor in writing papers, preparing reports, solving problems, or completing other assignments
- The acquisition of tests or other academic materials belonging to the university faculty or staff without permission

Plagiarism includes but is not limited to

- The use of paraphrasing or direct quotation without correct citation in the text and the reference list
- The published or unpublished works of another person
- You may NOT submit papers and assignments you have previously submitted for this or any other course.
- Using materials generated by agencies engaged in "selling" term papers is also plagiarism.

Artificial Intelligence (AI)-Declaration of Generative AI in Academic Writing
For all writing assignments, the student will not use generative artificial intelligence (AI) to construct the content of the assignment. Doing so is similar to plagiarism, and the assignment may be subject to a grade of zero or failure of the course, depending on the severity of the incident. AI-assisted technologies should only be used to improve readability and language. If used, it is the responsibility of the student to carefully review and edit this content, as AI can generate incorrect, incomplete, or biased information. Using these technologies requires human oversight and control. Additionally, AI and AI-assisted technologies should not be listed as an author or co-author or cited as an author. If the student uses AI-assisted technologies, a

disclosure must appear at the end of the document in a separate section before the references, using the following format.

Declaration of Generative AI and AI-Assisted Technologies in the Writing Process
Statement: *During the preparation of this work the author(s) used [NAME TOOL / SERVICE] in order to [REASON]. After using this tool/service, the author(s) reviewed and edited the content as needed and take(s) full responsibility for the content of the publication.*

Academic dishonesty will not be tolerated in this class. When unsure whether a situation will be interpreted as academic dishonesty, you should ask your professor for clarification. If you are guilty of academic dishonesty, a grade of zero (0) will be given for the quiz, assignment, etc. Cases may also be referred to the Dean of Students for possible dismissal from the University.

You are encouraged to review the tutorials and suggested websites for more information about plagiarism. If you have any questions about what constitutes plagiarism, please consult:

- The University Academic Dishonesty Policy
- The website Plagiarism.Org, or
- The professor

Note: By enrolling in this course, the student expressly grants MSU a limited right in all intellectual property created by the student for the purpose of this course. The limited right shall include but shall not be limited to the right to reproduce the students work product in order to verify originality and authenticity, and for educational purposes.

Administrative Process
Unresolved issues related to this course should be first addressed between the student and the course instructor. If there is no resolution, students must follow this sequence:

1. Interim Department Chair: Dr. Lynette Watts (940) 397.4833
2. College Dean: Dr. Jeff Killion (940) 397.4594
3. Dean of Students: Matthew Park (940) 397.7500

Pathophysiology Assignment Details

Welcome (Students should start here!)
Students should begin the course by viewing the documents found in the Welcome module. There is an overview of the course and the textbook, as well as a document about discussion board etiquette.

Syllabus Agreement

The first step in starting this course is to read the syllabus in its entirety. By signing the Syllabus Agreement you are stating that you have completely read, understand, and agree to the syllabus and its content.

Assignments/Quizzes

Students may proceed through the course content at their own pace within the boundaries set by the course schedule and the MSU Academic Calendar. See the course calendar within D2L and the course schedule at the end of this syllabus for specific information about activities and due dates.

If students have technical difficulties, they should use the 'Help' link within D2L, contact the MSU Information Systems Support Staff, and send an email to the professor explaining what happened **at the time of the incident.**

All assignments, exams, etc. must be completed and submitted by the due date indicated on the course schedule at the end of this syllabus. If a student cannot complete a course activity by the indicated due date, the student must contact the course instructor *immediately*. Please note that late submissions will not be graded; students must contact the instructor for approval for late submissions. If a student has emergency issues, then the student must contact the instructor as soon as possible (within a day or two). Any activity not completed and submitted by the due date will be addressed on an individual basis.

Independent Module Readings
- Module 1: Chapters 1, 2, 3
- Module 2: Chapters 4, 5, 6
- Module 3: Chapters 7, 8, 9
- Module 4: Chapters 10, 11, 12
- Module 5: Chapters 13, 14

D2L Module Quizzes (25%)

Students should complete the reading assignments and be familiar with the chapter objectives before attempting the module quizzes.

When a student has reviewed a module and is ready for the quiz, they will log into D2L and receive a customized timed module quiz consisting of randomized multiple choice questions. Quizzes contain 10 random questions and students will have 60 minutes to complete. See the course schedule at the end of this syllabus for the open and close dates for the quizzes.

It is important to know the module content before attempting the module quizzes since the quizzes are ==timed==. Quiz scores will be available immediately after a student submits for grading. Quizzes must be completed by the due dates or a zero (0) will be recorded. Students who know they will miss a due date because of extenuating circumstances should contact the instructor so their situations can be dealt with on an individual basis. Acceptance of an extenuating circumstance is at the discretion of the instructor.

If students have technical difficulties during a quiz, they should use the 'Help' link located on the top toolbar within D2L to contact the MSU Information Systems Support Staff and send an email to the course instructor immediately explaining what happened.

If a student finds a faulty quiz test item or believes a quiz question has been scored incorrectly, he/she should send an email to the course instructor that includes the following:
- Module quiz number (1-5)
- Question stem
- Rationale supporting why the student's answer is correct
- Include page numbers when referencing the textbook

For example, a student cannot send the message: "I think question number ten is wrong on quiz four" because each student gets a quiz of randomly generated test items. The instructor has to know the question stem to find the question in the database. After reviewing the situation, if the course instructor thinks a revision is justified, the students' quiz score will be revised to reflect the additional points and the test bank will be updated.

Discussion Boards (25%)
Each module contains a graded discussion board. Once all the required reading has been completed, students will post their answer to the appropriate discussion board. Each student must then write a substantial reply to two of their classmates' posts. Posts such as "I agree" are not acceptable.

Pathology Report (30%)
The purpose of this report is to reinforce the student's understanding of a pathologic condition and the medical imaging procedures used for diagnosing such pathology.

Detailed instructions and the grading rubric for this report can be found on D2L.

Comprehensive Final Exam (20%)

Come prepared to take this exam. The final exam is **_NOT_** an **_OPEN BOOK_** comprehensive exam and will be administered within D2L. Students must have reliable internet access for the duration of the exam. Lock down Browser will be used for this exam. Two hours will be given to answer 100 questions.

Tentative Course Schedule
(All assignments are due at 11:59 PM central standard time (CST)

Date	Activity
Monday, August 26	Course Opens All quizzes open Discussion Boards are open
Monday, September 9	**Module 1** **Discussion board closes, 8 am**
Monday, September 16	Pathology Topic Request to Discussion Board, 5 pm
Monday, September 23	**Module 2** **Discussion board closes, 8 am** Last day for Dec. Grads to file for graduation
Monday, October 7	**Module 3** **Discussion board closes, 8 am**
Monday, October 21	**Module 4** **Discussion board closes, 8am**
Monday, November 11	**Module 5** **Discussion board closes, 8 am**
Monday, November 18	Pathology Report Due
Monday, November 25	**Last Day to drop class with a "W", 4 pm**
Thursday, December 5	**All quizzes close, 5 pm**
Monday, December 9	Final Exam Opens at 7 am
Tuesday, December 11	Final Exam Closes at 5 pm