

Midwestern State University

Robert D. & Carol Gunn College of Health Sciences & Human Services

The Shimadzu School of Radiologic Sciences

Revised 8/2026

Pathophysiology Course Syllabus

RADS 3203 X10

Fall 2025

3 Credit Hours

Professor

Mandy Sedden MSRS, RT(R) Assistant Professor

Email: mandy.sedden@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 430M

Wichita Falls, TX 76308

Phone:(940) 397-4664

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. (2025). Pathophysiology: A practical approach (5th ed.). Burlington, MA: Jones & Bartlett Learning. ISBN: 9781284288155

Required digital materials for this course are part of the Courseware Access and Affordability Program at MSU Texas. To access your materials, please log into D2L and navigate to your course. Students are charged for required course materials on their student account with the Business Office. It is possible for students to opt-out of the program and purchase the required course materials on their own. **Opt-out instructions** are sent to students' official *my.msutexas.edu email address on the second day of class. Please contact the MSU Bookstore (940) 397-4303 if you have any questions about the opt-out process.

*It is recommended that students download Google Chrome (a free download through Google) or Mozilla Firefox and use one of those as the default browser for ALL D2L courses. This appears to eliminate 99% of technical issues often encountered with Internet Explorer, Apple Safari, etc.

*Students MUST have reliable computer and internet access

Course Communication

Contact information for the instructor is listed at the beginning of this syllabus. Email is the preferred mode of communication. 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_Sedden_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.

Setting Up Notifications for News items and Forward E-mails

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 4123 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.
5. Click the save button to save any changes

Steps to forward D2L email to another email address:

1. Click on the **Envelope Icon** in the top menu bar.
2. Click **Email**.
3. Click **Settings** in the top right corner of the inbox.
4. Scroll down to **Forwarding Options** and type in the new email or uncheck the box to turn forwarding off.
5. Click **Save**.
6. Remember to go to the new email and click to verify the email address.

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.

Weather Closure Practices: Since this is a fully online course, it will continue as scheduled without interruption in the event the MSU campus closes for inclement weather.

Requesting a Withdrawal

Last Day for “W”, Nov. 23 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

- 20 % Module Quizzes
- 20% Discussion Boards
- 30% Pathology Report
- 30% Comprehensive Final Exam

Grading Scale

- A = 90-100
- B = 80-89
- C = 70-79
- D = 60-69
- F = 59 or below

Midterm Grades

In order to help students keep track of their progress toward course objectives, the instructor for this class will provide a Midterm Progress Report through each student’s WebWorld account. **[only at-risk students will be reported]**. Midterm grades will not be reported on the students’ transcript; nor will they be calculated in the cumulative GPA. They simply give students an idea of where they stand at the midpoint of the semester. Students earning below a C at the midway point should schedule a meeting with the professor.

Feedback

Feedback varies throughout the course.

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 3203 adheres to the MSU Code of Conduct. In particular, academic dishonesty, however small, creates a breach in academic integrity. A student's participation in this course comes with the expectation that his/her work will be completed in full observance of the MSU Code of Student Conduct. A student should consult the Student Handbook for answers to any questions about the code.

Students are encouraged to take full advantage of many resources available including Internet sites, handouts, other textbooks & journals, faculty, and peers. This interactive collegial learning environment is conducive to life-long learning.

Specific components of RADS 3203 are designed to represent the efforts of each student individually and are NOT to be shared. These components include the written assignment submitted for a grade. Submitting someone else's work as your own or improperly cited work constitutes plagiarism. Please see the Midwestern State University Catalog for further discussion of plagiarism. Plagiarism will constitute in an F for the course and the student will be referred to administration for further action. When students submit their efforts for grading, they are attesting they abided by this rule. ***Quizzes and exams are not to be copied in any**

form or shared in any form. Students caught engaging in such activity will receive an F for the course and be referred to University administration for dismissal.

Cheating includes, but is not limited to: (1) use of any unauthorized assistance in taking quizzes, tests, or examinations; (2) dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or completing other assignments; or (3) 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, by paraphrase or direct quotation without correct citation in the text and on the reference list, the published or unpublished works of another person. Students may not submit papers and assignments that they have previously submitted for this or other courses. The use of materials generated by agencies engaged in “selling” term papers is also plagiarism. Students are encouraged to review the tutorials and suggested websites for more information about plagiarism.

Artificial Intelligence (AI) Usage Policy

In this course, the use of Generative AI tools (such as ChatGPT, Claude, Gemini, etc.) is permitted with specific limitations to ensure academic integrity and the development of critical research skills.

- **Research & Sourcing:** You may use AI tools for preliminary research and topic exploration. However, to ensure the validity and scholarly weight of your work, at least 50% of the sources cited in any assignment must be retrieved directly from the MSU Moffett Library online databases.
- **Writing & Content:** The use of AI in the writing process is strictly limited to spelling and grammar correction. AI tools are not permitted to generate text, arguments, analysis, or the bulk content of any assignment, including research papers, posters, and discussion board posts.
- **Verification:** To maintain the integrity of your research, you must be prepared to provide PDF copies of all sources used upon request.
- **Consequences:** Failure to adhere to these guidelines will be treated as a violation of academic integrity. A violation will result in a grade of zero for the assignment. Egregious cases of academic dishonesty involving AI may result in a failing grade (F) for the course.

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. 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

Student Responsibilities:

*Apple file formats such as .pages or Keynote files will not be accepted. *All submissions must be uploaded in Microsoft Office formats—such as .doc, .docx, .ppt, or .xlsx—or as otherwise specified in the assignment instructions.

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 and complete the Syllabus Agreement quiz. By taking the Syllabus Agreement quiz you are stating that you have completely read, understand, and agree to the syllabus and its content. The unit 1 exam will not open until you have completed this step

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 20 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%)

Since both Medical Imaging and Exercise Physiology students enroll in this course, each profession will write their own version of the pathology report. Separate instructions have been written for each profession.

The purpose of the Medical Imaging student report is to reinforce the students' understanding of a pathologic condition and the medical imaging procedures used for diagnosis and treatment.

The purpose of the Exercise Physiology student report is to reinforce students' understanding of a pathologic condition relevant to exercise physiology and the clinical methods used for diagnosis and treatment.

Detailed instructions for this report can be found on D2L.

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

Comprehensive Final Exam (20%)

The final exam is an **OPEN BOOK** comprehensive exam and will be administered within D2L. Students must have reliable internet access for the duration of the exam. If students are using an e-book text, another device must be used to access the textbook. 90 minutes will be given to answer 50 questions.

Course Schedule

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

Date	Activity
Monday, August 24	Course Opens All quizzes open
Sunday, August 30	Syllabus Agreement Quiz
Sunday, September 6	Module 1 Discussion board Quiz
Sunday, September 13	Pathology Topic Request to Discussion Board
Sunday, September 27	Module 2 Discussion board Quiz
Sunday, October 18	Module 3 Discussion board Quiz
Sunday, November 1	Pathology Report Due
Sunday, November 8	Module 4 Discussion board Quiz
Sunday, November 29	Module 5 Discussion board Quiz
Monday, November 23	Final Exam Opens at 6AM
Monday, December 7	Final Exam Closes at 11:59PM