

**2/2022Midwestern State University**  
Robert D. & Carol Gunn College of Health Sciences & Human Services  
The Shimadzu School of Radiologic Sciences  
Revised July 2022

---

## **Course Syllabus: Pathophysiology**

---

### **Course Information**

Name: RADS 3203 X10 Pathophysiology

Credit: 3 hours

Term: Fall 2022

---

### **Professor**

**Mandy Sedden MSRS, RT(R) Assistant Professor**

**Email:** [mandy.sedden@msutexas.edu](mailto: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

---

**Textbook**

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

---

**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.

**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.

In addition, there will be several discussion board areas: one section for social messages among the students, one section for pathology topic approval, and one graded discussion board.

Students should also periodically check the 'News' section within D2L for course updates and other important information.

### **Class Meeting Date and Time**

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.

Students should check for class announcements on the course website in D2L. This course also includes an UNGRADED discussion board on D2L so students may post questions they want the instructor to answer. The entire class will benefit from the answers. Students should check the Instructor Discussion Board at least once per week.

### **Methodology/Teaching Strategies**

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

### **Evaluation Method**

<b>Percentage Distribution</b>	<b>Value</b>
Module Quizzes	20%
Discussion Boards	15%
Case Studies	15%
Pathology Report	30%
Comprehensive Final Exam	20%

### **Grading Scale**

<b>Grade</b>	<b>Range</b>
A	90-100
B	80-89
C	70-79
D	60-69
F	59 or below

**The last opportunity to drop this course with a grade of “W” is 4:00pm October 28, 2021.**

Please 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.”

---

### **Student Responsibilities**

As a student enrolled in this course, you will be responsible for adhering to and meeting posted deadlines and due dates. All activities for this course are listed at the end of this syllabus.

Activities such as quizzes have expiration dates. Please take note that expiration dates for quizzes will differ from deadlines for assignments and activities.

Quizzes and assignments/activities are spaced out in a manner that will allow you ample time to complete them. Assignments/activities will be accepted on or before the posted due date and deadline. ***No late assignments/activities will be accepted.*** 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.

***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.

---

### **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 must be written at the baccalaureate level and will be graded for accuracy, completeness, quality, spelling, grammar, and integrity. All assignments submitted will be considered complete and graded as such.*

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 (20%)

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, he/she 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 (15%)

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.

#### Case Studies (15%)

Each module contains a graded Case Study Assignment. After completing the required reading assignments, students will read through the information, answer the questions at the bottom of each case study, and submit in the appropriate dropbox.

#### 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 for this report can be found on D2L.

**Review the grading rubric for this assignment on D2L.**

#### Comprehensive Final Exam (20%)

The final exam is a comprehensive exam and will be administered within D2L. ***THE FINAL IS TO BE TAKEN WITHOUT THE BENEFIT OF BOOKS, NOTES, OR REFERENCES OF ANY KIND.*** LockDown Browser and Respondus Monitor, provided within D2L, will be used for this exam (***PLEASE NOTE: CHROMEBOOKS ARE NOT COMPATIBLE WITH LOCKDOWN BROWSER OR RESPONDUS MONITOR AND CANNOT BE USED.***) Students must have internet access and webcams.

---

## 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 Support Services (DSS) provides information and assistance, arranges accommodations, and serves as a liaison for students, instructors, and staff. The DSS has assistance 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 Support Services in the Clark Student Center Room 168 or call 940-397-4140 for more information. 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.

---

## Conduct/Honesty/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.

*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: Beth Vealé (940) 397.4611
2. College Dean: Dr. Jeff Killion (940) 397.4594
3. Dean of Students: Matthew Park (940) 397.7500



### Tentative Course Schedule

Date	Activity
	<i>All assignments are due by 11:59pm CST on the indicated due date</i>
August 22	Classes begin All quizzes and case studies open
September 12	Module 1 Case Study, Discussion, & Quiz
September 19	Pathology Topic Request to Discussion Board
October 3	Module 2 Case Study, Discussion, & Quiz
October 24	Module 3 Case Study, Discussion, & Quiz
November 7	Pathology Report Due
November 14	Module 4 Case Study, Discussion, & Quiz
November 28	Module 5 Case Study, Discussion, & Quiz
November 28	Final Exam Opens at 6AM
December 4	Final Exam Closes at 11:59PM