



Course Syllabus: Advanced Health Assessment
College of Health Sciences and Human Services
RESP 4453 Section 101
Fall 2023

Contact Information

Instructor: Randy Case, Ph.D., RRT-NPS
Office: Centennial Hall 420-C
Office hours: By appointment.
Office phone: (940) 397-4653
E-mail: randy.case@msutexas.edu

Course Description

Course Meetings will be Mondays, Tuesdays, and Thursdays from 8:00am to 9:40am in Centennial Hall 250. The focus of this lecture course is to provide the students with advanced physical assessment skills. The assessments of the major organ systems commonly affected by or associated with pulmonary diseases are explored. Topics include detailed assessment of the chest and lungs, heart and great vessels, skin, head and neck, nose and throat, and emergency and life-threatening situations.

Course Objectives

Course objectives include: Describe the components of the physical examination, Perform head to toe assessments on simulation man and in the clinical setting, Identify abnormalities seen during physical examination, Describe the functional anatomy of the nervous system, Explain relationship between vital signs and neurologic status, Identify the importance of ICP monitoring and the value of assessing cerebral perfusion, Identify normal values and significance of abnormalities for hematology and chemistry lab tests, Appraise chest radiographic findings, Describe how chest radiograph is produced, Identify the value in assessing chest radiograph, Review assessment of pediatric and older adult patients, Identify methods, normal values, and significance of measuring lung volumes in the ICU, List the components involved in the clinical evaluation of oxygenation and their significance, Review assessment of CO, Describe relationship of CVP to left and right ventricular function, Interpret PA waveforms, Describe relationships between PA diastolic pressure and PCWP, Describe basic terms used with endoscopy, Identify the indications & contraindications for bronchoscopy, and Describe the role of the respiratory therapist in the assessment of patients for potential sleep-disordered breathing.

Textbook & Instructional Materials

All Course Material will be provided to the students and no textbook is required!

Student Handbook

Refer to: [Student Handbook 2022-2023](#)

Academic Misconduct Policy & Procedures

This course adheres to the MSU Code of Conduct. 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 lifelong learning.

The components of this course are designed to represent the efforts of each student individually and are NOT to be shared. 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.

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. The use of AI-generated works is also considered 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.

Assignment Grading

| Assignments | Percentage of Total Grade |
|-------------------------------|---------------------------|
| Lecture Examinations | 55% |
| Advanced Assessment Portfolio | 10% |
| TMC/SIM Prep Assignment | 10% |
| Final Exam | 25% |

Grading Scale

| Letter Grade | Percentage Grade |
|--------------|------------------|
| A | 90-100% |
| B | 80-89% |
| C | 75-79% |
| D | 60-74% |
| F | Less than 60% |

A minimum grade of 75, or a C, is required in all respiratory courses. All assignments must be completed by 11:59pm on the due date.

Attendance and Participation

Punctuality in class is imperative. Exams will be given during the first part of class with an allotted amount of time. If the student is late, they will be given the remaining portion of the allotted time to finish the exam. At the end of the allotted time, all exams must be turned in, complete or not. Regular class attendance is required. No distinction is made between excused and unexcused absences unless the absence has been cleared through the office of the Dean of Students, Athletic Department, or Academic Affairs. Two late arrivals equal one absence. The following policy will be enforced: Greater than 5 absences will result in an instructor-initiated drop from the class. Prior absence approval may be granted after review by the professor. If you have a documented disability that will impact your work in this class, please contact me to discuss your needs.

Lecture Exams

Lecture Examinations may consist of multiple-choice, definitions, true/false, short answer, fill-in-the-blank, labeling diagrams, or essay-type questions. The material for the examinations will come from the text as well as lectures and notes. You will be given 90 minutes for each exam. Exams will start at the beginning of class and must be turned in by the end of class time.

Advanced Assessment Portfolio

For this assignment, you will perform a COMPLETE Head to Toe Assessment on 3 patients during your clinical time utilizing the Online Assessment Workbook, which is strictly a guide for you. You do not have to follow this exactly. Provide a summary page for each of your 3 patients (minimum 250 words each). Include your findings on the assessment, vital signs, vent settings, labs, medications, and history of present illness as well as past medical history for each patient. Each patient assessment should be organized, typed, and well-documented. Write a final summary about the entire assignment (minimum 250 words) and include: What you learned from doing the head-to-toe assessments?, Do you think this will improve your critical thinking skills as a respiratory therapist?, How did the therapists or nurses respond to you doing a complete head to toe assessment? The entire portfolio needs to be placed in the brackets of a simple folder. This means you have to use a hole punch and place the papers in the brackets! Make a cover sheet with your name on it. The due date is listed below in the course schedule. A grading rubric for the portfolio can be found in D2L.

TMC/SIM Assignment

Towards the end of the semester, we will have an assignment that will hopefully begin to prepare you for the Therapist Multiple Choice Exam Clinical Simulation component of your upcoming board exams. This activity will occur during two class periods and this assignment will account for 10% of your final grade for this course.

Final Exam

The Final comprehensive exam may consist of multiple-choice, definitions, true/false, short answer, fill-in-the-blank, labeling diagrams, or essay-type questions. The material for the examinations will come from the text as well as lectures and notes.

Missed Exam and Assignment Policy

If a student is going to miss an examination or assignment, it is the student's responsibility to contact the instructor prior to the exam or assignment deadline. A 10% reduction will be taken for each day (weekends and holidays included) after the scheduled exam or assignment due date. The professor reserves the right to make unscheduled or delayed exams essay in nature and considerably more challenging.

KaHoot

KaHoot is a game-based learning platform I will be utilizing to help you prepare for your TMC board exams. This is an interactive learning tool that requires a computer, tablet, or mobile device with internet access. You can either log in to the KaHoot website or use the KaHoot app. Each student's points will be added up throughout the semester and will be used to determine the number of bonus points that will be added to your final exam.

Important Dates

Deadline to file for December graduation: September 25, 2023

Deadline to file for May graduation: October 2, 2023

Last Day to drop with a grade of "W:" October 30, 2023 by 4:00pm

Refer to: [Drops, Withdrawals & Void](#)

Desire-to-Learn (D2L)

Extensive use of the MSU D2L program is a part of this course. Each student is expected to be familiar with this program as it provides a primary source of communication regarding assignments, examination materials, and general course information. You can log into [D2L](#) through the MSU Homepage. If you experience difficulties, please contact the technicians listed for the program or contact your instructor.

Services for Students With Disabilities

Midwestern State University is committed to providing equal access for qualified students with disabilities to all university courses and programs, and by law all students with disabilities are guaranteed a learning environment that provides reasonable accommodation of their disability. This guarantee is provided through Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. The ADA reads: "No qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of a public entity, or be subject to discrimination by any such entity." The Director of Disability Support Services serves as the ADA Coordinator and may be contacted at (940) 397.4140, TDD (940) 397.4515, or 3410 Taft Blvd., Clark Student Center 168.

College Policies

Campus Carry Rules/Policies

Refer to: [Campus Carry Rules and Policies](#)

Smoking/Tobacco Policy

College policy strictly prohibits the use of tobacco products in any building owned or operated by WATC. Adult students may smoke only in the outside designated-smoking areas at each location.

Alcohol and Drug Policy

To comply with the Drug Free Schools and Communities Act of 1989 and subsequent amendments, students and employees of Midwestern State are informed that strictly enforced policies are in place which prohibits the unlawful possession, use or distribution of any illicit drugs, including alcohol, on university property or as part of any university-sponsored activity. Students and employees are also subject to all applicable legal sanctions under local, state and federal law for any offenses involving illicit drugs on University property or at University-sponsored activities.

Grade Appeal Process

Students who wish to appeal a grade should consult the Midwestern State University [Undergraduate Catalog](#)

Course Schedule:

On the next page, you will find the course schedule. I suggest printing a copy of the course schedule to help you stay organized and meet all deadlines. Please note that changes in the course syllabus, assignments, and schedule may be made at the discretion of the professor.

Course Schedule

| Date | Lecture | Exams/Assignments |
|---------------|--|-------------------------|
| Mon, Aug 28 | Syllabus & Assessment Portfolio & TMC | |
| Tues, Aug 29 | TMC/SIM Prep Assignment | |
| Thurs, Aug 31 | TMC/SIM Prep Assignment | |
| Mon, Oct 2 | Ch. 5 – Physical Examination | |
| Tues, Oct 3 | Ch. 6 – Neuro Assessment | |
| Thurs, Oct 5 | Ch. 7 – Lab Studies | |
| Mon, Oct 9 | KaHoot & Review | |
| Tues, Oct 10 | | Exam 1 – Ch. 5, 6, 7 |
| Thurs, Oct 12 | Ch. 10 – Chest Imaging | |
| Mon, Oct 16 | Ch. 12 & 13 – Neo/Pedi/Geriatric | |
| Tues, Oct 17 | KaHoot & Review | |
| Thurs, Oct 19 | | Exam 2 – Ch. 10, 12, 13 |
| Mon, Oct 23 | Ch. 17 - Bronchs | |
| Tues, Oct 24 | Ch. 19 – Sleep | |
| Thurs, Oct 26 | KaHoot & Review | |
| Mon, Nov 13 | 40 | Exam 3 – Ch. 17, 19 |
| Tues, Nov 14 | TMC/SIM Prep Assignment | |
| Thurs, Nov 16 | TMC/SIM Prep Assignment (PORTFOLIO'S DUE) | |
| Mon, Nov 20 | Ch. 14 – Resp Monitoring in ICU | |
| Tues, Nov 21 | Ch. 15 - Vascular Pressure Monitoring | |
| Mon, Nov 27 | Ch. 16 – Cardiac Output Measurement | |
| Tues, Nov 28 | KaHoot & Review | |
| Thurs, Nov 30 | | Exam 4 – Ch. 14, 15, 16 |
| Mon, Dec 4 | SIMS | |
| Tues, Dec 5 | SIMS | |
| Thurs, Dec 7 | Can You Assess It? | |
| Mon, Dec 12 | | Final Exam – 9:00am |