



Course Syllabus: Advanced Health Assessment
College of Health Sciences and Human Services
RESP 4453 Section 101
Fall 2021

Contact Information

Instructor: Randy Case, Ph.D., RRT-NPS
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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 2020-2021](#)

Academic Misconduct Policy & Procedures

Academic Dishonesty: Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individual's to whom credit is given). Additional guidelines on procedures in these matters may be found in the Office of Student Conduct. Research papers and projects must be original work for each course assignment. The faculty will not accept a submission that has been or is being submitted for another course. No Exceptions!

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 to 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 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 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 5 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 5 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. 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 you 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 students' points will be added up throughout the semester and will be used to determine a number of bonus points that will be added to your final exam.

Important Dates

Last Day to drop with a grade of "W:" October 25th, 2021.

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

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 accommodations to ensure equal opportunity for qualified persons with disabilities to participate in all educational, social, and recreational programs and activities. After notification of acceptance, students requiring

accommodations should make application for such assistance through Disability Support Services, located in the Clark Student Center, Room 168, (940) 397-4140. Current documentation of a disability will be required in order to provide appropriate services, and each request will be individually reviewed. For more details, please go to <http://www.mwsu.edu/student-life/disability>.

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 23	Syllabus & Assessment Portfolio & TMC	
Tues, Aug 24	TMC	
Thurs, Aug 26	TMC	
Mon, Oct 18	Ch. 5 – Physical Examination	
Tues, Oct 19	Ch. 6 – Neuro Assessment	
Thurs, Oct 21	Ch. 7 – Lab Studies	
Mon, Oct 25	KaHoot & Review	
Tues, Oct 26	(PORTFOLIO'S DUE)	Exam 1 – Ch. 5, 6, 7
Thurs, Oct 28	Ch. 10 – Chest Imaging	
Mon, Nov 1	Ch. 12 & 13 – Neo/Pedi/Geriatric	
Tues, Nov 2	KaHoot & Review	
Thurs, Nov 4		Exam 2 – Ch. 10, 12, 13
Mon, Nov 8	Ch. 17 - Bronchs Mrs. Owen	
Tues, Nov 9	Ch. 19 – Sleep Mrs. Owen	
Thurs, Nov 11	KaHoot & Review	
Mon, Nov 15		Exam 3 – Ch. 17, 19
Tues, Nov 16	Ch. 14 – Resp Monitoring in ICU & Ch. 15 - Vascular Pressure Monitoring	
Thurs, Nov 18	Ch. 16 – Cardiac Output Measurement	
Mon, Nov 22	KaHoot & Review	
Tues, Nov 23		Exam 4 – Ch. 14, 15, 16
Mon, Nov 29	TMC/SIM Prep Assignment	
Tues, Nov 30	TMC/SIM Prep Assignment	
Thurs, Dec 2	TMC/SIM Prep Assignment	
Mon, Dec 6	N/A	Final Exam – 9:00am