

Midland College

Syllabus

EMSP 2206

Emergency Pharmacology (2-0-0)

Course Description

This course is a study of drug classifications, actions, therapeutic uses, adverse effects, administration routes, and calculation of dosages.

Text, References, and Supplies

- Nancy Caroline. *Emergency Care in the Streets, Eighth Edition, Volume 1 and 2*; Jones and Bartlett Learning, 2017
- Pharmacology for the Prehospital Professional Second Edition
- Index Cards
- Electronic Smart Tablet/ Computer with internet access.
- Access to EMSTesting.com
- Access to JB Learning: Navigate 2
- Access to Fisdap.net
- Document scanner
- Respondus Lockdown Browser/Platinum Secure Testing

Student Learning Outcomes:

Upon successful completion of the course, students will:

1. Display command of general pharmacological terminology, general drug mechanisms, administration routes and administration procedures, and drug dose calculations.
2. Demonstrate understanding of the pharmacodynamics, pharmacokinetics, indications, contraindications, possible side effects, common drug interactions, possible side effects,

and common drug interactions of various medications used in out-of-hospital medical care.

Student Contributions, Responsibilities, and Class Policies

Effective March 23, 2020. This course will be moving to an online format in an effort to address COVID-19 concerns. Almost all of the coursework will be completed at home or through the use of online resources. As of now, we will also have the opportunity for each student to have 3 face to face meetings before the end of the semester. During these face-to-face meetings, you will have the opportunity to ask questions and address any concerns that you have regarding the coursework. This will also provide the opportunity to turn in your Drug Dosage Calculations coursework; you will be able to ask questions prior to turning in these assignments. I will also be available outside of the face to face meetings to answer questions and/or address concerns for this course; please refer to my contact information listed below.

Because the majority of this course is presented online, access to a computer and the internet is required. It is also required that you have a webcam to complete some of the coursework. I am available should you need demonstrations on the computer as well as to answer other course questions. All assignments, lectures, quizzes, and examinations will be online.

It is critical that you stay on schedule with the assignments. You have the option to work ahead on some of the assignments; just ensure that you meet all of the due dates as listed on your course calendar. Online classes should not imply that the course is easier but only more convenient for you to complete the requirements. Please refer to the MC Student handbook and MC EMS Student handbook for all policies and procedures.

Students will be expected to attend all classes. Virtual classroom/on-site laboratory attendance policy for paramedic students requires the student to be present in class 90% of the total class time per semester. Your attendance will be determined by your participation in online and face to face class activities. Your participation online is managed by canvas and has the ability to track your progress on canvas. The ability to meet course objectives may be seriously jeopardized for students missing more than 10% of classroom/laboratory instruction in any course. For face to face meetings, any student arriving after the start of class will be counted tardy. Any student who arrives 15 minutes past the start of class will be counted absent. Three tardies will result in one absence.

It is the student's sole responsibility to make-up missed assignments due to absence. Make-up assignments must be completed within the time limit set by the instructor. This will be done at the Instructor's discretion. All exams and assignments MUST be completed and turned in by the given due date and time to get full credit. Late work will be accepted but at a reduced grade. Up to 24 hrs late 25% reduced score. 24-48 hrs late 50% reduced grade. After 48 hours, it will not be accepted. Any variance in this will be done ONLY at the Instructor's discretion. The student is required to adhere to Midland College and MC EMSP Program policies as outlined in the Paramedic Student Handbook and the Midland College Student Handbook.

Evaluation of Students

Students will be evaluated using quizzes, examinations, and JB Learning that will consist of true/false, multiple-choice, short answer, and essay type questions. The assignments and quizzes will consist of 20% of the student's final grade. Attendance, professionalism, and skills will be 10%. Unit tests are 40%, and the remaining 30 % will come from a **comprehensive** final/exit examination. **The student must have a 75% average to be eligible for the final exam. Students must receive a final grade of 75% or better for course average and make an 80% or better on the final/exit exam to continue in the paramedic program.**

Grades will be assigned as follows:

A = 100 – 90%

B = 89 – 80%

C = 79 – 75%

D = 69 – 74%

F = 69 and below

Course Schedule

The course schedule can be viewed by accessing the course calendar located in the files folder in Canvas.

All assignments are due at designated times as listed on your course calendar, which can be accessed in the Files tab in Canvas. All assignments are due at 11:59 PM on the assigned due dates. You may submit the assignments prior to the due date, and all late work will be subject to penalties as described in the late work policy. You have the opportunity to work at your pace in this course, but please ensure that you are meeting all of the due dates as listed in the course calendar. This will help you to study and aid your navigation in this course.

Assignments will consist of drug quizzes, discussion questions, and Drug Dosage Calculations coursework. Everything stays the same as far as coursework assignments are concerned. The only thing that changes for the remainder of the semester is the way that you will submit these assignments. The drug quizzes and discussion questions are to be submitted through the canvas. Please ensure that you are submitting these assignments in PDF format when applicable. Your Drug Dosage Calculations assignments will be turned in during your designated SIMLAB times; please check the course calendar for specific assignment due dates.

From this point forward, you may use a calculator on all math assignments and tests.

All unit exams will not open until Wednesdays at 8:30 AM, and they will close on Sundays at 11:59 PM. These exams will be accessed through Canvas. The exam will have a time limit and will require you to be available without interruptions during the exam. The exams will require the use of Respondus Lockdown Browser. All exams will also be timed. Once you start the exam, your time will begin. You will not be able to access the exam once the due date has passed and will receive the grade that was received once the due date has been met. You will only be allowed one attempt on each exam, and missing the exam will result in a grade of 0.

Your Final Exam for this course can be accessed through EMStesting. This exam will open on May 4th at 8:30 AM and will close on May 7th at 11:59 PM. The exam will have a time limit and will require you to be available without interruptions during the exam. The exam will require the use of Platinum Secure Testing. Once you start the exam, your time will begin. You will not be able to access the exam once the due date has passed and will receive the grade that was received once the due date has been met. You will only be allowed one attempt on each exam, and missing the exam will result in a grade of 0. **Students must receive a final grade of 75% or better for course average and make an 80% or better on the final/exit exam to continue in the paramedic program.**

Americans with Disabilities Act (ADA)

Any student who, because of a disabling condition, may require some special arrangements in order to meet course requirements should contact Shep Grinnan as soon as possible. Mr. Grinnan's office is located in the Scharbauer Student Center Building. These conditions may include documented physical or educational disabilities. Please be aware that services or accommodations are not automatic. Each student must request them and secure the proper authorizations/documentation.

Midland College does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following individuals have been designated to handle inquiries regarding the non-discrimination policies: **Tana Baker, Title IX**

Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu. For further information on notice of non-discrimination, visit <http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm> or call 1 (800) 421-3481.

Spanish

Midland College no discrimina por motivos de raza, color, nacionalidad, sexo, discapacidad, o edad en sus programas o actividades. Las siguientes personas han sido designadas para responder a cualquier pregunta o duda sobre estas políticas no discriminatorias: **Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu.** Para más información sobre estas políticas no discriminatorias, visite <http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm> o llame al 1 (800) 421-3481.

Instructor Information

Instructor: Kyle Vaught, BS, LP, NRP
Phone: 432-685-4705
Cell Phone: 432-528-2161
Office: Main Campus, Technology Center, Classroom 186
E-mail: kvaught@midland.edu

Students are encouraged to contact the instructor at any time; however, making an appointment will guarantee the instructor's availability at a specific time.

Professional Licensing Notice

Completion of Midland College degrees and/or certificates does not guarantee eligibility to take a certification /registry/licensure examination. The eligibility of each person is determined on an individual basis by the regulatory body of the specific discipline. If you have a conviction of a crime other than a minor traffic violation, physical or mental disability/illness, hospitalization/treatment for chemical dependency within the last five years, current intemperate use of drugs or alcohol, or a previous denial of licensure or action by a licensing authority, you will need to contact the specific regulatory body for an individual ruling. Some programs require a criminal background check or urine and drug screen.

Health Sciences Division Information

Division Dean: Carmen Edwards, DNP, MSN, RN, 210 Davidson Family Health Sciences Building (DFHS), 432-685-4822, cedwards@midland.edu

Program Chair: Mark Kuhn, 198 Technology Center (TC), 432-685-6757, 432-940-2453 (cell), mkuhn@midland.edu

Division Secretary: Karren Harris, 206 Davidson Family Health Sciences Building (DFHS), 432-685-4799, kharris@midland.edu