

Midland College

Syllabus

EMSP 2444

Cardiology (3-2-0)

Course Description

This course covers assessment and management of patients with cardiac emergencies. Topics include single-and multi-lead EKG interpretation.

Text, References, and Supplies

- Walraven, Gail. *Basic Arrhythmias*. Eighth edition.
- Nancy Caroline. *Emergency Care in the Streets, Volume 1*. Seventh edition, Jones and Bartlett Learning, 2013.
- ACLS Book, current edition

Student Learning Outcomes

Upon successful completion of the course, students will:

1. Integrate pathophysiological principles and assessment findings to formulate a field impression.
2. Implement a treatment plan for the medical patient.

Student Contributions, Responsibilities and Class Policies

Students will be expected to attend all classes. 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. The ability to meet course objectives may be seriously jeopardized for students missing more than 10% of classroom/laboratory instruction in any course. 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 Instructors discretion. All exams and assignments MUST be done 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 is will not be accepted.

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. **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 = 75 – 79%

D = 69 – 74%

F = 59 and below

Course Schedule

A detailed calendar of topics, assignments and test dates will be provided in class.

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.

COVID-19 Protocol:

Midland College is very concerned about the safety of students, employees, and visitors. Face masks are required inside all Midland College buildings and outside in groups of three or more. Students attending face-to-face classes during the fall semester are required to wear face masks at all times while in classrooms and buildings. Students and staff are also expected to follow social distancing and sanitation guidelines.

All classrooms and labs will be cleaned daily using CDC recommended products and methods. In addition, alcohol wipes and other cleaning products will be available for instructor and student use in classrooms and labs. Hand sanitizing stations are also being placed throughout buildings.

Instructor Information

Instructor: Mitchell Healer
Phone: 432-685-4705
Cell Phone: 432-230-0207
Office: Portable Building 6 (PB6)
E-mail: mhealer@midland.edu

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

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