



Mountwest

Community & Technical College

COURSE SYLLABUS – PAR 220 Cardiovascular Emergencies

**This syllabus is not considered a legal document and is subject to change.
Video & Audio recording of the class is prohibited.**

Course Number, Title, CRN, Section:

PAR 220 Cardiovascular Emergencies with Lab, CRN 2398, Section 201

Semester, Year, Day, Time, Location:

Spring 2017 Wednesday 10:00-5:40, Main Building 422

Instructor Name: Edward L. Bays, B.S., NREMT-P

Office: Main Building 431

Telephone: Office 304.710.3528

E-mail: bays@mctc.edu

Office Hours: Monday & Tuesday 9:00-12:00
Wednesday & Thursday 9:00-10:00

Course Description, Credits, Prerequisites:

6 credits. A lecture/lab course focused on prehospital intervention and monitoring of patients with cardiovascular emergencies. The student will learn and practice ECG monitoring, interpretation, 12-lead ECG interpretation, updated information on heart failure/acute coronary syndrome, central line monitoring, and various drug therapies.

Required Textbook(s):

AAOS, Nancy Caroline's, Emergency Care in the Streets, 7th Edition

Basic Arrhythmias: 7th Edition. Walgraven

Required Materials: None

Recommended Materials: ECG's Made Easy, Aehlert 2nd Edition, Mosby

Learning Outcomes:

At the completion of this course, the student will have an understanding of the Anatomy, physiology, epidemiology, pathophysiology, psychosocial impact, presentations, prognosis, and management of patients with:

- Acute coronary syndrome
 - Angina pectoris
 - Myocardial infarction
- Heart failure
- Non-traumatic cardiac tamponade
- Hypertensive emergencies
- Cardiogenic shock
- Vascular disorders
 - Abdominal aortic aneurysm

- Arterial occlusion
- Venous thrombosis
- Aortic aneurysm/dissection,
- Thromboembolism
- Cardiac rhythm disturbances
- Infectious diseases of the heart
 - Endocarditis
 - Pericarditis
- Congenital abnormalities

General Education Learning Outcomes:

The general education philosophy at MCTC seeks to provide students with intellectual and critical skills for lifelong learning needed to meet the challenges of a diversified world. Students will be prepared to

- Communicate effectively using written and oral skills.
- Apply mathematics and basic scientific concepts for problem solving activities.
- Utilize technology competently.
- Use critical thinking skills.
- Develop an awareness of ethical behavior.
- Recognize the richness of diversity.

Assessment of Learning Outcomes:

Exams, Quizzes, Critical Thinking Scenarios

Evaluation/Grading:

Students will receive grades based on the following:

200 points	Quizzes	Quizzes will be unannounced.
300 points	Major Exams	Major exams will cover both classroom and written material.
100 points	Workbook	Points will be awarded for completed Basic Arrhythmias book.
200 points	Final Exam	Comprehensive exam covering all course content.

800 Pts Total

Grading Policy:

Final grades for this course will be calculated using the criteria described above and assigned as follows:

744-800 pts	“A”
664-743 pts	“B”
600-663 pts	“C”
520-599 pts	“D”
Below 520 pts	“F”

Make-up Policy:

Students must complete all course work as assigned and as scheduled. Students may only make up exams with the prior approval of the course instructor. Missed exams must be made up within one (1) week of the missed exam or the student will be given the grade of “0.” Make-up tests **MUST** be made up during office hours **NOT** during regular class time.

Late Work / Assignments Policy:

Assignments are due the date indicated by the instructor. Assignments turned in late for any reason will be subject to the following: 10% reduction of points for assignments turned in up to one week late. 20% reduction of points for assignments turned in up to two weeks late. **ASSIGNMENTS THAT ARE TURNED IN MORE THAN TWO WEEKS LATE WILL NOT BE GRADED.** Extenuating circumstances will be evaluated by the instructor on a case by case basis; make sure to communicate with the instructor to let him or her know if you will be turning in assignments after they are due.

Attendance/Tardiness Policy:

Students who are absent in excess of 15% of the total class meetings may be dropped from the class. Some departments/programs may have additional attendance guidelines and related grading policies. The instructor shall detail the specific attendance policy for his/her class. Students are responsible for all missed coursework.

Failure to officially withdraw may result in a failing grade for the course.

Students in online courses are required to successfully complete the online course orientation and actively participate in the course as described in the Instructor's Course Requirements (ICRs). Students not meeting these requirements may be administratively dropped at the discretion of the instructor.

If there is an attendance component for the final grade, students who have not met the required attendance percentage at mid-term, cannot pass the class. **Students who exceed the allotted absences or whose GPA falls below the required GPA at mid-term, may not be eligible for financial aid disbursement.**

Academic Support:

The Academic Skills Center in room 103 provides the following resources:

Peer Tutoring is a free service available to current students who are interested in receiving one-on-one assistance from a peer who has successfully completed the course. Study mentoring is a free service in which faculty provide organization and study skills assistance. To make an appointment with a peer tutor or study mentor, please contact Ms. Rebecca White at moses@mctc.edu or (304)710-3435 or stop by the Academic Skills Center in room 103.

Located on the 1st floor of the Main Building in Room 103D, the Mountwest Writing Center offers you a 30 minute, one-on-one tutoring session for any written assignment. Bring a printed draft of your paper and a copy of your professor's assignment sheet, and your Writing Center instructor will guide you in learning how to revise grammar usage, sentence structure, organization, thesis and paragraph development, and much more. Walk-ins are welcome. No appointments are necessary but are accepted. Please contact Mr. Jesse Riggs, Coordinator at riggsj@mctc.edu or (304)710-3437.

The Online Writing Center-If you are currently enrolled in a Mountwest Community & Technical College program, you can access the Mountwest Online Writing Center to submit a digital copy of your draft for evaluation or request a video conference with a Writing Center tutor. Just click the Online Writing Center link in the Student Resources navigation pane on your Blackboard landing page and follow the steps to self-enroll.

Mountwest Community & Technical College provides access to Brainfuse, an online tutoring service that can be accessed through any Blackboard course under "Course Tools."

Procedure for Students with Disabilities:

Mountwest Community and Technical College is committed to equal opportunity in education for all students, including those with physical, learning, and psychological disabilities. It is the responsibility of students with disabilities to contact Jill Goheen at 304-710-3368 or Debbie Spencer at 304-710-3369, in the Office of Student

Services and provide documentation of their disability. Following this, a letter will be sent to each of the student's instructors outlining the academic adjustments and/or auxiliary aids he/she will need to ensure equality in classroom experiences, outside assignments, testing and grading. The instructor and student will meet to discuss how the adjustments and/or auxiliary aids requested will be provided. For more information, please contact Mountwest Community and Technical College Office of Student Services; phone 304-710-3141.

Please contact:

Jill Goheen, kellyj@mctc.edu, 304 710-3368, Student Services Room 101 J

Debbie Spencer, spencerd@mctc.edu, 304 710-3369, Student Services Room 101 M

Class policies, procedures and disclaimers:

It is to be understood by the student that, although successful completion of this course fulfills partial requirement for eligibility for National Registry Paramedic testing, and that MCTC will strive to present the best opportunity possible for education and training for student paramedics, no guarantee of the student achieving certification as a National Registry Paramedic during the Registry examination process is implied or represented by successful completion of these courses.

Students must understand that they will not be considered eligible for the National Registry of Emergency Medical Technicians Paramedic Examination process unless they have completed ALL PAR courses with an overall grade of "C" or better. Students may be removed from the program at any time if their overall performance in a course falls below these standards.

Due to liability issues, students who are dropped for nonpayment may not remain in or attend class. A student will be asked to leave class and may not return until the Registrar's office receives approval for reinstatement from the Bursar's office. To receive approval for reinstatement a student must go to the Bursar's office Cashier's station, located in the lower level of the MCTC building and either pay their bill or sign a payment plan. Once an arrangement has been made with the Bursar's office, students will take verification to the Registrar's office. The Registrar will re-enroll the student into the dropped course, unless the class is already full. If the class is full, the instructor will receive a call or email notification from the Registrar requesting permission to overload the class. If the instructor denies an overload, a student will not be allowed to re-enroll and must work with the advising center to determine other course options.

As a student, you are responsible for all information that is communicated on-line by Mountwest Community and Technical College via "My MCTC." See the MCTC Homepage.

Classroom etiquette or rules of conduct

Students have paid for the privilege to learn in the College environment. Those who cause the learning process to be significantly disrupted may be asked to leave the classroom and meet the Program Director or Department Chair prior to re-admission to the classroom. College disciplinary measures may be invoked in extreme circumstances. Harassment by students or intentional abuse of College property shall not be tolerated at any level. Students will be expected to conduct themselves as adults in the classroom.

Cell phone policy:

Ideally, all electronic devices will be turned off. However, if you must have an electronic device in the on position, it must be in the vibrate mode only. Any student who causes a distraction in the classroom by excessive use of an electronic device will be asked to leave the classroom. All electronic devices will be in the "off" position during exams. The use of any electronic device during testing may be considered cheating and possibly result in the student being dismissed from the class and/or program.

Additional Policies Affecting Students:

- See Mountwest Catalog at <http://www.mctc.edu/>
- Academic Honesty – refer to the Mountwest Catalog
- Disabled Student Services – Contact the Office of Student Services
- Financial Aid Information - ofa@mctc.edu (Check MyMCTC for status)
- Student Information at myMCTC (for which you are responsible as a student) <http://www.mctc.edu>
- Inclement Weather Procedures - <http://www.mctc.edu/safety/weather-related-closings/>

Academic Calendar: http://www.mctc.edu/assets/editor-uploads/Spring_2017_Calendar.pdf

Final Exam Schedule is: <http://www.mctc.edu/student-services/registrar/exam-schedule/>

**Tentative Course Calendar
Chapter 17 & 39**

Date	Assignments/Exams/Activities/Due Dates
Jan. 18, 2017	A&P of the Heart
Jan. 25, 2017	ECG Monitoring
Feb. 01, 2017	Dysrhythmia Recognition
Feb. 08, 2017	Dysrhythmia Recognition
Feb. 15, 2017	Dysrhythmia Recognition
Feb. 22, 2017	Patient Assessment
Mar. 01, 2017	Managing Cardiac Emergencies
Mar. 08, 2017	12-Lead ECG
Mar. 15, 2017	12-Lead ECG
Mar. 22, 2017	No Class – Spring Break
Mar. 29, 2017	Managing Cardiac Emergencies
Apr. 05, 2017	Managing Cardiac Emergencies
Apr. 12, 2017	Managing Cardiac Emergencies
Apr. 19, 2017	Managing Cardiac Emergencies
Apr. 26, 2017	Managing Cardiac Emergencies
May 03, 2017	Managing Cardiac Emergencies
May 10, 2017	Final Exam

Other Important Dates: March 16, 2017 Last day to drop individual course
 May 4, 2017 Last day for total withdraw.

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