EMSP 2444 Cardiology Course Syllabus

Department Information: Brookhaven College
Emergency Medical Services Program
Health and Human Services Division

Address: 3939 Valley View Lane, X-1075
Brookhaven College
Farmers Branch, TX 75234
972-860-7869

Faculty: DAVID DUNAFAN

Office Telephone: (972) 860-7868

Email: DDUNAFAN@dcccd.edu

Office Hours: Varies - Monday – Friday 8:00 a.m. – 7:00 p.m.
Students may also schedule appointments with the instructor.

Course Title: EMSP 2444 Cardiology

Course Number and Section: EMSP 2444 sections 21222, 21204, 21243

Semester and Year: FALL 2015

TDSHS #: 610341

Class Meeting Format: Class sessions will be conducted using lecture, lab, group projects, quizzes and exam reviews, and field experiences. Classes will follow C shift schedule and meet from 8:00 a.m. to 5:00 p.m.

Catalogue Description: A detailed study of the knowledge and skills necessary to reach competence in the assessment and management of patients with cardiac emergencies. This course provides (3 Lecture, 2 Lab).

Prerequisite: (1) Successful completion of EMSP 1438 & 1356, (2) Current certification by the Texas Department of State Health Services as an EMT or Advanced EMT, (3) Current CPR certification, AHA or ECSI Healthcare Provider, (4) Human Anatomy & Physiology I, (5) Completed Immunization Record, and (6) Proof of personal Health Insurance.

Required Materials for Course: The complete Brookhaven College EMS Program uniform, the EMS Kit contents, the IV Kit, and box of disposable, Nitrile gloves. Required textbooks, with their ISBN numbers, and additional requirements are listed in the Paramedic Student Forms Packet.

Computer/Internet Policy: Students will be required to use eCampus to retrieve class Announcements, Course Information, Course Documents, Chapter Outlines, Assignments, take Quizzes, and track their grades. Each student is required to have computer/internet access. If the student does not have personal computer/internet access, computer labs are available at Brookhaven College and public libraries.
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Evaluation Procedure: The EMS Program utilizes a combination of daily quizzes, a major exam and a comprehensive course content final examination for didactic knowledge competence as well as periodic graded return-demonstrations of pertinent skills.

Skills Proficiency Verification: There are several pertinent skills tested during this course. The minimum average grade of 80% is REQUIRED on EACH skill’s verification as well as passing ALL Critical Failure Criteria on each skill to successfully complete EMSP 2444.

This grade average will be 5% of the calculation used to obtain the final course letter grade.

Skills Proficiency Re-Testing: Prior to re-testing, students are required to practice the specific skill or sign a document waiving the right to retraining in the skill(s) area in which the student was tested and failed.

The highest grade recorded after retesting of each skill, is 80.

Failure of any skill after re-testing, will result in an “F” for EMSP 2444 REGARDLESS of the numerical grade of other grading components.

Quizzes: There are several quizzes given during this course. The minimum average grade of 80% is recommended to successfully complete EMSP 2444.

There will be a 10 point deduction for each minute exceeding the time limit set.

Missed quizzes cannot be made up. No exceptions.

This grade will be 10% of the calculation used to obtain the final course letter grade.

Exams: There will be two exams in this course. Both of these exams will be placed in the Testing Center on the final day of the course.

The comprehensive course content final exam will assess course content and the other will assess Advanced Cardiac Life Support (ACLS).

A minimum grade of 84% is required on the ACLS Exam and a minimum grade of 70% is required on the course content final exam in order to successfully complete EMSP 2444.

The ACLS Exam will be 15% of the calculation used to obtain the final course letter grade

The Course Content Final Exam will be 70% of the calculation used to obtain the final course letter grade.

There will be a 10 point deduction for each minute exceeding the time limit set.
Retesting Opportunities:
The student not making a 70 or above on the course content final or an 84% on the ACLS Exam, will have the opportunity to retest one or both exams, if necessary.

The highest grade recorded after retesting the final exam, is 70 and an 84% on the ACLS Exam.

Failure to obtain a 70% on Course Content Final exam after re-testing, or an 84% on the ACLS Exam will result in an “F” for EMSP 2444 REGARDLESS of the numerical grade of other grading components.

Grading:
The course letter grade will be computed as follows:

<table>
<thead>
<tr>
<th></th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Proficiency Verification Average:</td>
<td>5%</td>
</tr>
<tr>
<td>Quiz Average:</td>
<td>10%</td>
</tr>
<tr>
<td>ACLS Exam</td>
<td>15%</td>
</tr>
<tr>
<td>Course Content Final Exam</td>
<td>70%</td>
</tr>
</tbody>
</table>

A minimum of 70 overall average is needed to successfully complete EMSP 2444.

Grades are not rounded.

**Example:** Student A

| Skills Proficiency Verification Average: | 95 x 5% = 4.75 |
| Quiz Average: | 91 x 10% = 9.1 |
| ACLS Exam | 80 x 15% = 12 |
| Course Content Final Exam | 80 x 70% = 56 |
| Course Average: | 81.85 |
| Letter Grade: | “B” |

Exam Review:
Faculty will review the exam afterward. Please make arrangements to attend. Reviews are an integral part of the learning experience. The review will last no longer than 1 to 1.5 hours and Faculty will announce date and time.

There will be NO note taking, cellular telephones or any form of recording device present during exam review.

Students choosing to challenge exam questions/answers will be provided paper and writing utensil during the review and allowed to state only facts to support their position. No reference materials will be allowed. Faculty will then collect student’s position statement, review them and respond at a later date.

Grading Criteria and Requirements:
A minimum average grade of 70% is required to remain in the EMS Program. Letter grade values for the EMS Program are as follows:

A letter grade of A for a score range of 90.00% to 100%
A letter grade of B for a score range of 80.00% to 89.99%
A letter grade of C for a score range of 70.00% to 79.99%
A letter grade of D for a score range of 60.00% to 69.99%
A letter grade of F will be awarded for a score less than 60.00%

The entire grading system and methods for the EMS Program can be found in the above section Testing Methods.

**PLEASE NOTE:**
Grade reports are no longer mailed. Convenient access is available online through eCampus or eConnect at https://econnect.dcccd.edu
Course/classroom Policies: Timeliness, psychomotor abilities, interaction with peers and the public, dress code, grooming, and other behaviors which are consistent with the public’s expectation of an emergency services public servant are all considered as valid measurements towards the successful completion of the EMS Program. For more specific details on these course policies refer to the EMS Program Student Handbook.

Dress Code/BSI Policy: Wear a pressed, tucked in BHC uniform polo shirt, BHC uniform pants, OR FIRE DEPT APPROVED UNIFORM, black belt, polished, black shoes/boots during class/lab/rotations. Only BHC-logo caps may be worn. Wear approved eye protection during practice or performance of ANY and ALL SKILLS. Each incident of non-compliance with the Uniform Dress Code during class/lab/rotations will result in 2 points being deducted from the course grade for the 1st occurrence, 5 more points for the 2nd occurrence, and 10 more points for the 3rd occurrence and so on. This is consistent with the public’s expectations of an emergency services public servant.

Attendance: Each student is required to complete classroom/skills lab hours. A total number of 24 hours of absence will be allowed during the ENTIRE PARAMEDIC PROGRAM. Excused absence versus Un-excused absence designation will be left to the discretion of the instructor. **There are no excused absences on Skills Testing Days.** At any point during the Paramedic Program the student exceeds the 24 hours of absence the student may be dropped from the course and given a “W.”

Students who will be absent from class for the observance of a religious holiday will be allowed to makeup examinations or skills proficiency verifications IF the Instructor is notified in advance and NO LATER than the second day of the current course. For more specific details on this course policy refer to the EMS Program Student Handbook.

Tardiness is defined as arriving at the designated class meeting location after 15 minutes from the designated start time. Students will be allowed a maximum of 6 tardiness events for the duration of the Paramedic Program. Each of these events will count as 4 hours of absence to be charged toward the maximum number of absence time detailed above.

Withdrawal Policy: It is the student’s responsibility to formally drop this course as well as other related courses if he/she is unable to attend or complete the course. The withdrawal request must be received in the Registrar’s Office by the below listed drop date. Failure to do so will result in the student receiving a performance grade of “F.” If at any time the student wishes to drop this course, withdraw from the EMSP Program, or withdraw from the College, the student must initiate the action. If dropped by the drop date, a “W” (Withdraw) will be recorded.

For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop. You may drop no more than 6 courses during your entire undergraduate career unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions. Remember that once you have accumulated 6 non-exempt drops, you cannot drop any other courses with a “W”. Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information, you may access: [https://www1.dcccd.edu/coursedrops](https://www1.dcccd.edu/coursedrops)

Drop Date: **To receive a “W” for this course, the Drop Date is: 11/25/2015**
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Financial Aid:  
http://www.brookhavencollege.edu/about/vpi/Pages/Syllabus-Addendum.aspx

Repeating this course:  
http://www.brookhavencollege.edu/about/vpi/Pages/Syllabus-Addendum.aspx

ADA Statement:  
http://www.brookhavencollege.edu/about/vpi/Pages/Syllabus-Addendum.aspx

Religious Holidays:  
http://www.brookhavencollege.edu/about/vpi/Pages/Syllabus-Addendum.aspx

Academic Ethics:  
http://www.brookhavencollege.edu/about/vpi/Pages/Syllabus-Addendum.aspx

FERPA:  
http://www.brookhavencollege.edu/about/vpi/Pages/Syllabus-Addendum.aspx

College Policies:  
The entire Brookhaven College Student Code of Conduct is online at 
www.brookhavencollege.edu  These policies provide the guidelines for the educational 
environment and student conduct and discipline.  
Additional EMSP-specific policies can be found on the EMS Program Student Handbook.

Additional Certifications:  
EMSP 2444 provides ACLS certification provided the student obtains an 84% on the 
ACLS Exam.  An external cost is paid to AHA via the student school bill to receive this 
card.  The certification card will be issued to the student AFTER SUCCESSFUL 
COMPLETION OF THE ENTIRE PARAMEDIC PROGRAM.  Not after EMSP 2444.

Food and Drink Policy:  
Students are allowed to eat and/or drink in the classroom.  Trash pickup and disposal in 
the classroom/lab rooms is required afterwards.  Each student should show 
responsibility in disposing of their trash appropriately.  The Instructor reserves the right 
to withdraw the privilege of the Food and Drink Policy as circumstances dictate.

Handheld Devices Policy:  
Please turn OFF all pagers and cell phones during class/lab.  Texting during class or 
any device ringing during class/lab will result in 2 points being deducted from 
the course grade for the 1st occurrence, 5 more points for the 2nd occurrence, and 10 more 
points for the 3rd occurrence and so on.  Laptop usage is not allowed during lecture or lab time.  Time will be allowed for texting, phone calls, & laptop use during lunch 
breaks and lecture breaks.

Course Outline & Schedule:  
See attached Course Schedule

Instructor’s Rights:  
The Instructor reserves the right to add to, delete, or revise any component of the course 
or syllabus as circumstances dictate.

SCANS Competencies:  
The Secretary’s Commission on Achieving Necessary skills (SCANS) was appointed 
by the Secretary of Labor to determine the skills people need to succeed in the world of 
work.  Brookhaven College is determined to prepare you with the knowledge and skills 
you need to succeed in today’s dynamic work environment.  Towards this goal, these 
workplace competencies and foundation skills have been designed into the curriculum 
of this course.

Description of SCANS competencies as follows:
1. Basic skills
2. Thinking Skills
3. Personal qualities
4. Resources
5. Interpersonal skills
6. Information
7. Systems
8. Technology
Course Learning Outcomes:

1 Cardiology --- SCANS 1
   At the completion of this unit, the paramedic student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the patient with cardiovascular disease.
Student Acknowledgement
Please read and sign this page and turn it in to your instructor.

I have read the course syllabus and understand what is required of me in this course. I have had the opportunity to ask the instructor questions about the syllabus.

______________________________________________________________________________
PRINT Student Name ____________________________ Date ______________

______________________________________________________________________________
Sign Student Name

Last revised 08-01-12 RC
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