



# Course Specifications

Institution:	<b>College of dentistry.</b>
Academic Department:	<b>Department of maxillofacial surgery &amp; diagnostic sciences</b>
Programme:	<b>Dentistry Programme.</b>
Course:	<b>Basic Life Support ( 311 MED )</b>
Course Coordinator :	<b>Maher Aboelgheit</b>
Programme Coordinator:	Dr Abdulrahman Alatram.
Course Specification Approved Date :	19/ 12 / 1435 H

## **A. Course Identification and General Information**



1 - Course title :	<b>Basic Life Support</b>	Course Code: ( <b>311 MED</b> )	
2. Credit hours :	<b>2 hours</b>		
3 - Program(s) in which the course is offered:	<b>Dentistry.</b>		
4 – Course Language :	<b>English</b>		
5 - Name of faculty member responsible for the course:	<b>Maher Aboelgheit</b>		
6 - Level/year at which this course is offered :	<b>3rd year</b>		
7 - Pre-requisites for this course (if any) :	<b>• 113 ANA , 113 PLS</b>		
8 - Co-requisites for this course (if any) :	<b>• Anatomy , Embryology &amp; Histology , General physiology</b>		
9 - Location if not on main campus :	<b>(Al Zulfi)</b>		
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	<b>100 %</b>
B - Blended (traditional and online)	<input type="checkbox"/>	What percentage?	..... %
D - e-learning	<input type="checkbox"/>	What percentage?	..... %
E - Correspondence	<input type="checkbox"/>	What percentage?	..... %
F - Other	<input type="checkbox"/>	What percentage?	..... %
Comments :	<p>.....</p>		

## B) Objectives:

**What is the main purpose for this course?**

The course gives an overview of the anatomy of cardiovascular respiratory system with special emphasis on vital signs and common medical emergencies and their initial management with first aid procedures . the course is augmented with practical sessions to demonstrate cardiopulmonary resuscitation procedure ( CPR) and first aid measures .

**Briefly describe any plans for developing and improving the course that are being implemented :**

It is better to take the student to general hospital emergency and ICU departments to see life clinical cases and its management in case of emergency situations and to take a tour in the operating room to see the general anesthesia specialist during management of airway and using of emergency drugs to improve the student practical skills of the course .



## C. Course Description

### 1. Topics to be Covered

List of Topics	No. of Weeks	Contact Hours
<b>Introduction</b>	<b>1</b>	<b>1</b>
<b>Anatomy of Cardiovascular respiratory system</b>	<b>3</b>	<b>3</b>
<b>Basic Life Support</b>	<b>3</b>	<b>3</b>
<b>First Aid</b>	<b>3</b>	<b>3</b>
<b>Common Medical Emergencies</b>	<b>3</b>	<b>3</b>

### 2. Course components (total contact hours and credits per semester):

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
<b>Contact Hours</b>	<b>13</b>	.....	.....	<b>13</b>	.....	<b>26</b>
<b>Credit</b>	<b>1</b>	.....	.....	<b>1</b>	.....	<b>1</b>

### 3. Additional private study/learning hours expected for students per week.

6

### 4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
<b>1.0</b>	<b>Knowledge</b>		
<b>1.1</b>	Describe and understand anatomy of cardiovascular system.	Lecture.	Exam.
<b>1.2</b>	Describe and understand anatomy of respiratory system .	Lecture.	Exam.
<b>1.3</b>	Understand and know how to apply basic life support and cardiopulmonary resuscitation on different age groups .	Lecture.	Exam.
<b>1.4</b>	Recognize and gain knowledge about first aids and its importance .	Lecture.	Exam.
<b>1.5</b>	Understanding and know how to diagnose and manage common medical emergencies.	Lecture.	Exam.
<b>2.0</b>	<b>Cognitive Skills</b>		
<b>2.1</b>	Student should be able to know the basic aspects of cardiovascular system anatomy and enumerate its contents .	Lecture.	Exam.
<b>2.2</b>	Student should be able to know the basic aspects of respiratory system anatomy .	Lecture.	Exam.
<b>2.3</b>	Student should be able to know how to apply first aids and manage victims in emergency situation	Lecture.	Exam.
<b>2.4</b>	Student should be able to know how to diagnose and deal with common medical emergencies .	Lecture.	Exam.
<b>2.5</b>	Student should be able to know how to record vital signs .	Lecture	Exam.
<b>3.0</b>	<b>Interpersonal Skills &amp; Responsibility</b>		
<b>3.1</b>	<b>Training of the students to recognize different parts of cardiovascular system and to know its function and pathophysiology of different medical emergency related to it.</b>	During lecture.	Recognition.
<b>3.2</b>	Training of the students to recognize different parts of respiratory system and to know its function and pathophysiology of different medical emergency related to it .	During lecture.	Recognition.
<b>3.3</b>	Teaching students how to know the patient's symptoms and diagnose of emergency situations and to apply cardiopulmonary resuscitation (CPR)	During lecture.	Recognition.





	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
	for adult ,child and infants.		
3.4	Teaching students how to deal with cases of emergency and apply first aid for different problems.	During lecture.	Recognition.
3.5	Teaching students how to deal with different medical emergency situations after recognition.	During lecture.	Recognition.
3.6	Familiarize students with recording vital signs.	During lecture.	Recognition.
<b>4.0</b>	<b>Communication, Information Technology, Numerical</b>		
4.1	Teaching students how to obtain scientific information from various websites.	During lecture.	Exam.
4.2	Introduce students to scientific famous sites and how to access them.	During lecture.	Exam.
4.3	Teaching students how to record vital signs .	During lecture.	Exam.
4.4	Teaching students how to apply the teamwork approach to deal with emergency problems .	During lecture.	Exam.
4.5	Teaching students how to recognize choking emergency and manage the victim .	During lecture.	Exam.
4.6	Teaching students how to diagnose and manage different types of shock , injury , bleeding , and fracture .	During lecture.	Exam.
<b>5.0</b>	<b>Psychomotor</b>		
5.1	Teaching students how to apply techniques of cardiopulmonary resuscitation for adult , child and infants.	During lecture.	Recognition.
5.2	Teaching students how to conduct clinical skills agree with each other, including the timeframe.	During lecture.	Recognition.
5.3	Teaching students how to deal with airway problems and using emergency drugs and equipments .	During lecture.	Recognition.
5.4	Teaching students how to deal with patient affected with poison.	During lecture.	Recognition.
5.5	Teaching students how to handle common medical emergencies and deal with medical.	During lecture.	Recognition.
5.6	Teaching students how to work in emergency situation with calm personality .	During lecture.	Recognition.

## 5. Schedule of Assessment Tasks for Students During the Semester:





	Assessment task	Week Due	Proportion of Total Assessment
1	Midterm written examination	8	25%
2	Midterm practical examination	8	15%
3	Behavior and attitude	During 1st semester	5%
4	Research	3	2%
5	Presentation	4	1%
6	Quiz	7	2%
7	Oral exam	8	10%
8	Final written examination	15	25%
9	Final practical examination	15	15%
10	Total		100%

### **D. Student Academic Counseling and Support**

Students are supported academic guidance during office hours and provide them with guidance and advice, as well as scientific knowledge of students' problems and how to solve it.

### **E. Learning Resources**

#### **1. List Required Textbooks :**

- BLS for healthcare providers ( student manual )By american heart association 2011..
- The complete first aid handbook DR PIPPA KEECH 2011.

#### **2. List Essential References Materials :**

- **American heart association manuals and its update for BLS .**

#### **3. List Recommended Textbooks and Reference Material :**

- BLS for healthcare providers ( student manual )By american heart association 2011..
- The complete first aid handbook DR PIPPA KEECH 2011.





#### **4. List Electronic Materials :**

- [www.pubmed.com](http://www.pubmed.com).
- Maher aboelgheit website in the Majmaah university site ([mu.edu.sa](http://mu.edu.sa))

#### **5. Other learning material :**

- Recording vital signs on patient .
- perform Cardiopulmonary resuscitation CBR on artificial models .
- Discuss with students about different emergency situation.

### **F. Facilities Required**

#### **1. Accommodation**

- A class room with a seating capacity of 30 students, equipped with a projector and smart board.
- A well-equipped laboratory with artificial models for training .

#### **2. Computing resources**

- Computer classroom.
- Internet connection.

#### **3. Other resources**

- General knowledge.

### **G Course Evaluation and Improvement Processes**

#### **1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:**

- Make questionnaires.
- Perform theoretical examination.
- Make seminars.

#### **2 Other Strategies for Evaluation of Teaching by the Program/Department Instructor :**

- Make meetings with groups of students to discuss the contents of the course, method of teaching to evaluate the course and the instructor.

#### **3 Processes for Improvement of Teaching :**

- Make meeting every week in the department to update the status of each student and the difficulties felt by the colleague will be resolved accordingly.
- The power point presentation of each lecture is distributed to all







**the staff members of the department for evaluation and suggestions for improvement.**

- Teachers will be subjected to go for up gradation of knowledge by attending the relevant conferences and will be encouraged to carry on a self-improvement.

#### **4. Processes for Verifying Standards of Student Achievement**

- **Make 1<sup>st</sup> midterm, quiz and final examinations.**
- **Make clinical evaluation to assess the student skill progress.**
- **Perform a questionnaire to evaluate the student's experience.**

#### **5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement :**

- **Make meeting every week in the department to update the status of each student and the difficulties felt by the colleague will be resolved accordingly.**
- **The power point presentation of each lecture is distributed to all the staff members of the department for evaluation and suggestions for improvement.**
- **Teachers will be subjected to go for up gradation of knowledge by attending the relevant conferences and will be encouraged to carry on a self-improvement.**

**Course Specification Approved**  
**Department Official Meeting No ( 1 ) Date 16 / 11 / 1435 H**

#### **Course's Coordinator**

**Name :** Maher Aboelgheit  
**Signature :** .....  
**Date :** 16/ 11 / 1435 H

#### **Department Head**

**Name :** Moutaz Kheirallah  
**Signature :** .....  
**Date :** 19/ 12 / 1435 H

