

Republic of Yemen

Ministry of Higher Education & Scientific Research

Emirates International University



Faculty of Medicine & Health Sciences

Department of Dentistry

Doctor of Dental Surgery

Course Specification of HOSPITAL DENTISTRY

Course No. (.....)



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Review committee:

Head of the Department

Quality Assurance head

Dean of Faculty



I. Course Identification and General Information:

1	Course Title:	HOSPITAL DENTISTRY			
2	Course Code & Number:				
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		2	1	3	--
4	Study Level/ Semester at which this Course is offered:	5 th Level / 1 st Semester			
5	Pre –Requisite (if any):				
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Doctor of Dental Surgery			
8	Language of Teaching the Course:	English			
9	Study System:	Semester based System			
10	Mode of Delivery:	Full Time			
11	Location of Teaching the Course:	Faculty of Medicine & Health Sciences, Department of Dentistry			
12	Prepared by:				

II. Course Description:

This course provides dental students with practical experiences for diagnosis, treatment and the follow up of patients currently found in hospitals. It is essential for preparing students to the internship phase. Presentations of students must illustrate their capability for collection of patient information as chief complaints, general examinations, medical history, dental history, social history, diagnostic measures and lab tests. The students must *discuss* dental examinations, clinical lab tests and treatment plan with senior dentists and hospital staff.

III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Referenced PILOs Learning out of program		
A. Knowledge and Understanding:		I, A or E		
a1	Identify patient's chief complaint and practice communication with patients, staff and other health care providers			A2
a2	Describe the dental examination various surgical dentistry procedures.			A4
a3	Explain the general evaluation of patient appearance and attitude.			A6
B. Intellectual Skills:				
b1	Obtain and interpret medical history, social history and dental history			B1
b2	Apply critical thinking and evidence-based problem solving when providing patient's care.			B1
C. Professional and Practical Skills:				
c1	Correctly record patient's history and an appropriate physical examination including intraoral examination			C1
c2	Identify and solve common signs and symptoms of pain and anxiety and select appropriate anesthesia			C7
D. Transferable Skills:				
d1	Work in collaboration as a member of an interdisciplinary team, rights and professional ethics			D3



(A) Alignment of Course Intended Learning Outcomes (Knowledge and Understanding) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
a1 Identify patient's chief complaint and practice communication with patients, staff and other health care providers	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Midterm Exam ▪ Final Exam ▪ Oral exam
a2 Describe the dental examination various surgical dentistry procedures.	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Midterm Exam ▪ Final Exam ▪ Oral exam
a3 Explain the general evaluation of patient appearance and attitude.	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Midterm Exam ▪ Final Exam ▪ Oral exam

(B) Alignment of Course Intended Learning Outcomes (Intellectual Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
b1 Obtain and interpret medical history, social history and dental history	<ul style="list-style-type: none"> ▪ Lectures ▪ Demonstrations ▪ Discussions ▪ Debate 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Midterm Exam ▪ Final Exam ▪ Practical Exams ▪ Semester work ▪ Oral exam
b2 Apply critical thinking and evidence-based problem solving when providing patient's care.	<ul style="list-style-type: none"> ▪ Lectures ▪ Demonstrations ▪ Discussions ▪ Debate 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Midterm Exam ▪ Final Exam ▪ Practical Exams ▪ Semester work ▪ Oral exam

(C) Alignment of Course Intended Learning Outcomes (Professional and Practical Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
c1 Correctly record patient's history and an appropriate	<ul style="list-style-type: none"> ▪ Practical training ▪ Demonstrations 	<ul style="list-style-type: none"> ▪ Direct observation ▪ Practical Exams

	physical examination including intraoral examination	<ul style="list-style-type: none"> Discussions 	<ul style="list-style-type: none"> Semester work
c2	Identify and solve common signs and symptoms of pain and anxiety and select appropriate anesthesia	<ul style="list-style-type: none"> Practical training Demonstrations Discussions 	<ul style="list-style-type: none"> Direct observation Practical Exams Semester work

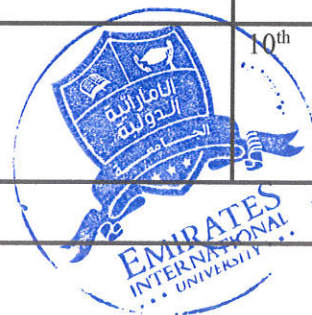
(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching Strategies and Assessment Methods:

	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
d1	Work in collaboration as a member of an interdisciplinary team, rights and professional ethics	<ul style="list-style-type: none"> Discussion Brainstorming 	<ul style="list-style-type: none"> Direct observation Practical Exams Semester work

IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CIOs)
1	Introduction:	Organization of dental department, admission and Medical Record, casualty service	1 st , 2 nd	2	a1, b1
2	The medically compromised patients	Definition, classification, diagnosis & treatment	3 rd , 4 th , 5 th	3	a1, a2
3	Management of odontogenic infections	Examination and assessment of odontogenic infection, etiology, spread of infection and management	6 th , 7 th	2	a1, a2. b2
4	Midterm Exam		8 th	1	a1, a2, b1, b2
5	Conscious Sedation	Definition, evaluation the patient, material used, compare between it and other types of anesthesia	9 th	1	
6	Fundamentals of referred patients to specialists	When and why	10 th	1	a1, a3



No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
7	Nutrition of hospitalized patients	Management of anemia and increase the host defense	11 th	1	a1,a3, b1-b2
8	Prepared patients to operation	Transfusion of blood and blood products, dental jurisprudence, medical negligence	12 th - 15 th	4	a1,a3, b1-b2
9	Final Exam		16 th	1	a1,a3, b1-b2
Number of Weeks /and Units Per Semester			16	16	

B. Case Studies and Practical Aspect:

No.	Tasks/ Experiments	Week Due	Contact Hours	Learning Outcomes (CILOs)
1	Infection Control in hospital	1 st	3	b1, b2
2	- Preoperative health status evaluation - Basic life support - Preparation the patient to operation - Read laboratory and x-rays - Principles of Surgery - Medical Emergencies in Dental Clinic	2 nd -14 th	39	c1-c2, d1
3	Practical exam	15 th	3	b1, b2, c1-c2, d1
Number of Weeks /and Units Per Semester		15	45	

V. Teaching Strategies of the Course:

- Lectures
- Debate
- Training
- Discussion
- Brainstorming



VI. Assessment Methods of the Course:

- Quizzes
- Midterm Exam
- Final Exam
- Practical Exam
- Semester work
- Direct observation
- Oral Exam

VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Requirements	1 st 14 th	10	b1, b2, c1-c2, d1
Total			10	

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Quizzes	4 th , 12 th	10	10%	a1, a2, a3, b1, b2
2	Midterm Exam	8 th	20	20%	a1, a2, b1, b2
3	Practical Exam	15 th	10	10%	b1, b2, c1-c2, d1
4	Oral Exam	15 th	10	10%	a1,a3, b1-b2
5	Requirements	1 st -14 th	10	10%	b1, b2, c1-c2, d1
6	Final Exam	16 th	40	40%	a1,a2, b1-b2
Total			100	100%	

IX. Learning Resources:

1- Required Textbook(s) (maximum two):

1. Agur A. Grant' Atlas of Anatomy Lippincott Williams and Wilkins.
2. Johnson. Anatomy for Dental Students, Oxford University Press, United Kingdom

2- Essential References.



1. Raymond Zambito, Harold Black, and Lorraine Tesch. Hospital Dentistry: Practice and Education. Mosby 1997.
2. K. George Varghese. A Practical Guide to Hospital Dentistry. Jaypee Bros. Medical Pub, 2008.

3- Electronic Materials and Web Sites etc.

<https://www.jhmhp.amegroups.org/about>

X. Course Policies: (Based on the Uniform Students' By law (2007))

1	<p>Class Attendance:</p> <p>Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.</p>
2	<p>Tardiness:</p> <p>A student will be considered late if he/she is not in class after 10 minutes of the start time of class.</p>
3	<p>Exam Attendance/Punctuality:</p> <p>No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.</p>
4	<p>Assignments & Projects:</p> <p>Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.</p>
5	<p>Cheating:</p> <p>Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.</p>
6	<p>Forgery and Impersonation:</p> <p>Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.</p>
7	<p>Other policies:</p> <p>The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.</p>



Faculty of Medicine & Health Sciences

Department of Dentistry

Doctor of Dental Surgery

Course Plan (Syllabus) of HOSPITAL DENTISTRY

Course No. (....)

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:		Office Hours					
Location & Telephone No.:							
E-mail:		SAT	SUN	MON	TUE	WED	THU



II. Course Identification and General Information:

1	Course Title:	HOSPITAL DENTISTRY			
2	Course Code & Number:				
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		2	1	3	--
4	Study Level/ Semester at which this Course is offered:	5th Level / 1st Semester			
5	Pre –Requisite (if any):				
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Doctor of Dental Surgery			
8	Language of Teaching the Course:	English			
9	Study System:	Semester based System			
10	Mode of Delivery:	Full Time			
11	Location of Teaching the Course:	Faculty of Medicine & Health Sciences, Department of Dentistry			
12	Prepared by:				

III. Course Description:

This course provides dental students with practical experiences for diagnosis, treatment and the follow up of patients currently found in hospitals. It is essential for preparing students to the internship phase. Presentations of students must illustrate their capability for collection of patient information as chief complaints, general examinations, medical history, dental history, social history, diagnostic measures and lab tests. The students must *discuss* dental examinations, clinical lab tests and treatment plan with senior dentists and hospital staff.



IV. Course Intended Learning Outcomes (CILOs) :

Upon successful completion of the Course, student will be able to:

A. Knowledge and Understanding:	
a1	Identify patient's chief complaint and practice communication with patients, staff and other health care providers
a2	Describe the dental examination various surgical dentistry procedures.
a3	Explain the general evaluation of patient appearance and attitude.
B. Intellectual Skills:	
b1	Obtain and interpret medical history, social history and dental history
b2	Apply critical thinking and evidence-based problem solving when providing patient's care.
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c1	Correctly record patient's history and an appropriate physical examination including intraoral examination
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D. Transferable Skills:	
d1	Work in collaboration as a member of an interdisciplinary team, rights and professional ethics

V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
1	Introduction:	Organization of dental department, admission and Medical Record, casualty service	1st, 2nd	2
2	The medically compromised patients	Definition, classification, diagnosis & treatment	3rd, 4th, 5th	3
3	Management of odontogenic infections	Examination and assessment of odontogenic infection, etiology, spread of infection and management	6th, 7th	2
4	Midterm Exam		8th	1

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
5	Conscious Sedation	Definition, evaluation the patient, material used, compare between it and other types of anesthesia	9th	1
6	Fundamentals of referred patients to specialists	When and why	10th	1
7	Nutrition of hospitalized patients	Management of anemia and increase the host defense	11th	1
8	Prepared patients to operation	Transfusion of blood and blood products, dental jurisprudence, medical negligence	12th - 15th	4
9	Final Exam	,	16th	1
Number of Weeks /and Units Per Semester			16	16

B. Case Studies and Practical Aspect:

No.	Tasks/ Experiments	Week Due	Contact Hours
1	Infection Control in hospital	1 st	3
2	<ul style="list-style-type: none"> - Preoperative health status evaluation - Basic life support - Preparation the patient to operation - Read laboratory and x-rays - Principles of Surgery - Medical Emergencies in Dental Clinic 	2 nd -14 th	39
3	Practical exam	15 th	3
Number of Weeks /and Units Per Semester		15	45

VI. Teaching Strategies of the Course:



- Lectures
- Debate
- Training
- Discussion
- Brainstorming

VII. Assessment Methods of the Course:

- Quizzes
- Midterm Exam
- Final Exam
- Practical Exam
- Semester work
- Direct observation
- Oral Exam

VIII. Assignments:

No.	Assignments	Week Due	Mark
1	Requirements	1st-14th	10
Total			10

IX. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Quizzes	4 th , 12 th	10	10%
2	Midterm Exam	8 th	20	20%
3	Practical Exam	15 th	10	10%
4	Oral Exam	15 th	10	10%
5	Requirements	1 st -14 th	10	10%

IX. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
6	Final Exam	16 th	40	40%
Total			100	100%

X. Learning Resources:

1- Required Textbook(s) (maximum two):

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