Republic of Yemen

Ministry of Higher Education & Scientific Research

Emirates International University

Faculty of Dentistry

Department of Oral Surgery

Doctor of Dental Surgery

Course Specification of differential diagnosis (clinical)

Course No. ()

Review committee: Head of the Department   Quality Assurance head   Dean of Faculty

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I. Course Identification and General Information:

1	Course Title:	differential diagnosis (clinical)		
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):	Oral Medicine II.		
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 Dentistry		
12	Prepared by:	Dr. Manal Mohammed Al-Hajri		
13	Date of Approval:	2020-2021		

II. Course Description:

This course is to train students to identify most common primary and secondary lesions affecting

oral and para-oral structures of hard and soft tissues and perform oral and extra oral examination and diagnosis by taking history, clinical examination, and other diagnostic tests and provide the basic knowledge of oral medicine, relationship of oral diseases and systemic diseases, and oral health.

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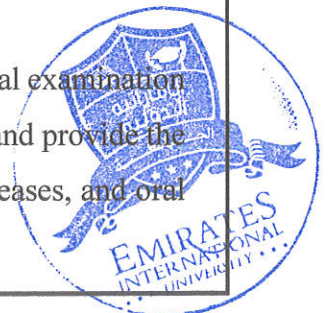
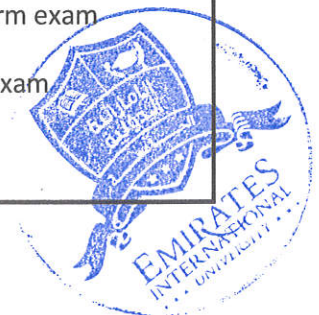| III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:			Referenced PILOs Learning out of program	
A. Knowledge and Understanding:		I, A or E		
a1	Demonstrate an understanding of the etiology pathobiology and clinical presentation of diseases of the oral and peri-oral tissues			A2
a2	Understanding the different types of tongue and lips diseases.			A2
a3	Understanding the different types of taste disorders.			A2
a4	Understanding the relationship of oral diseases and cardiovascular diseases.			A4
a5	Understanding the relationship of oral diseases and hematological disorders.			A4
a6	Understanding the relationship of oral diseases and bleeding and clotting disorders.			A4
a7	Understanding the relationship of oral diseases and renal diseases.			A4
B. Intellectual Skills:				
b1	Analyze, and correlate clinical laboratory data and investigations to help formulate a proper relevant treatment plans			B4
b2	Select suitable materials and instruments to perform basic oral surgical procedures as well as prescribe different medications depending on the patient's needs.			B5
C. Professional and Practical Skills:				
c1	Choose the appropriate diagnostic and management techniques based on patient's			C1

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	age, behavior capabilities, stage of dental growth/development and chief complaints.			
c2	Request special investigations needed to confirm the clinical, working or tentative diagnosis.			C1
c3	Select indicated clinical examination for specific oral lesion			C1
c4	Analyze and interpret data collected from the patient's history, clinical, radiographic and other investigations			C6
c5	Assemble and link the data obtained from the patient's history and clinical examination to develop the differential diagnosis of patients chief complaint.			C6
D. Transferable Skills:				
d1	Use internet and multimedia.			D2
d2	Manage time and resources			D4

(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	Demonstrate an understanding of the etiology pathobiology and clinical presentation of diseases of the oral and peri-oral tissues	Lectures Discussion Debate	Midterm exam Final exam
a2	Understanding the different types of tongue and lips diseases.	Lectures Discussion Debate	Midterm exam Final exam
a3	Understanding the different types of taste disorders.	Lectures Discussion Debate	Midterm exam Final exam

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a4	Understanding the relationship of oral diseases and cardiovascular diseases.	Lectures Discussion Debate	Midterm exam Final exam
a5	Understanding the relationship of oral diseases and hematological disorders.	Lectures Discussion Debate	Midterm exam Final exam
a6	Understanding the relationship of oral diseases and bleeding and clotting disorders.	Lectures Discussion Debate	Midterm exam Final exam
a7	Understanding the relationship of oral diseases and renal diseases.	Lectures Discussion Debate	Midterm exam Final exam

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

b1	Analyze, and correlate clinical laboratory data and investigations to help formulate a proper relevant treatment plans	Lecture Discussion	Midterm exam Final exam Homework
b2	Select suitable materials and instruments to perform basic oral surgical procedures as well as prescribe different medications depending on the patient's needs.	Lecture Discussion	Midterm exam Final exam Homework

(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	c1- Choose the appropriate diagnostic and management techniques based on patient's age, behavior capabilities, stage of dental growth/development and chief complaints.	exercise Debate	Practical exam Homework

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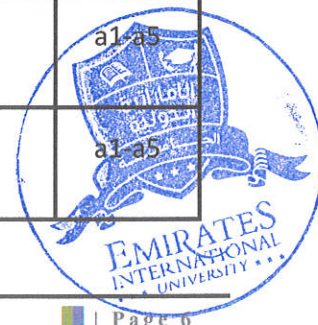|			
c2	Request special investigations needed to confirm the clinical, working or tentative diagnosis.	exercise Debate	Practical exam Homework
c3	Select indicated clinical examination for specific oral lesion	exercise Debate	Practical exam Homework
c4	Analyze and interpret data collected from the patient's history, clinical, radiographic and other investigations	exercise Debate	Practical exam Homework
c5	Assemble and link the data obtained from the patient's history and clinical examination to develop the differential diagnosis of patients chief complaint	exercise Debate	Practical exam Homework

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

	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
d1	Use internet and multimedia.	Training Discussion Brainstorming	Practical exam Homework
d2	Manage time and resources	Training Discussion Brainstorming	Practical exam Homework

IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Diseases of tongue and lips.	• Introduction • Anatomy • Disease	1st, 2nd	2	a1-a5
2	Taste disorders.	• Types • Related nerve • Causes and management	3rd	1	a1-a5

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
3	Diseases of cardiovascular system.	• Hypertion. • Coronary artery diseases • Valvular heart diseases. • Heart failure. • Arrhythmia. • Permanent pacemakers	4th, 5th	2	a1-a6, b1-b2
4	Renal diseases.	• Pathophysiology • Clinical features. • Oral manifestations. • Dental management.	6th, 7th	2	a1-a6, b1-b2
5	Midterm exam	•	8th	1	a1-a6, b1-b2
6	Hematological disorders.	• Process of hematopoiesis • Red blood cell disorders. • White blood cell disorders.	9th,10th, 11th, 12th	4	a1-a7
7	Bleeding and clotting disorders.	• Pathophysiology • Classification • Identification of patients • Mangment • Prognosis • Oral health considerations.	13th, 14th, 15th	3	a1-a7
8	Final exam	•	16th	1	a1-a7, 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	**Taking patient history**	1st-2nd	6	c1-c5, d1-d2
2	**Clinical examination and taking intra-oral biopsy**	3rd to 6th	9	c1-c5, d1-d2
3	**Lab investigations**	7th	6	c1-c5, d1-d2
4	**Take examples of differential diagnosis**	8th - 14th	21	c1-c5, d1-d2

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No.	Tasks/ Experiments	Week Due	Contact Hours	Learning Outcomes (CILOs)
5	Practical exam	15th	3	c1-c5, d1-d2
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:

- Midterm exam
- Final exam
- Practical exam
- Assignment

VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Requirements	1st-15th	10	b1-b2, c1-c5,d1-d2
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	Midterm exam	8th	20	20%	a1-a6, b1-b2

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No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
2	Final exam	16th	50	50%	a1-a7, b1-b2
3	Practical exam	15th	20	20%	c1-c5, d1-d2
4	Assignment	1st-15th	10	10%	b1-b2, c1-c5,d1-d2
	Total		100	100%	

IX. Learning Resources:

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

Mickel Glic,2014, Burket's oral medicine, 14th edition

2- Essential References:

Norman K. Wood and Paul W. Goaz,1997, Differential diagnosis of oral and maxillofacial lesions,.5th edition,

3- Electronic Materials and Web Sites etc.:

- www.journal oral medicine pain

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

1	**Class Attendance:** 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.
2	**Tardiness:** A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	**Exam Attendance/Punctuality:** 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.
4	**Assignments & Projects:** Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	**Cheating:**

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	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.
6	**Forgery and Impersonation:** 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.
7	**Other policies:** 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.

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Faculty of Dentistry

Department of Oral Surgery

Doctor of Dental Surgery

Course Plan (Syllabus) of differential diagnosis (clinical)

Course No. ()

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:	Dr. Manal Mohammed Al-Hajri	**Office Hours**					
Location& Telephone No.:	00967776136858						
E-mail:	dent.manal@yahoo.com	SAT	SUN	MON	TUE	WED	THU

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II. Course Identification and General Information:

1	Course Title:	differential diagnosis (clinical)		
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):	Oral Medicine II.		
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 Dentistry		
12	Prepared by:	Dr. Manal Mohammed Al-Hajri		
13	Date of Approval:	2020-2021		

III. Course Description:

This course is to train students to identify most common primary and secondary lesions affecting
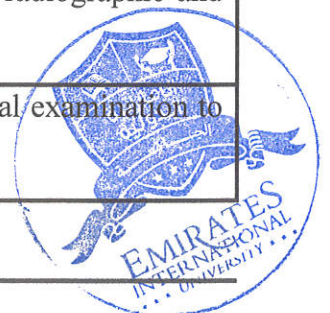
oral and para-oral structures of hard and soft tissues and perform oral and extra oral examination and diagnosis by taking history, clinical examination, and other diagnostic tests and provide the basic knowledge of oral medicine, relationship of oral diseases and systemic diseases, and oral health.

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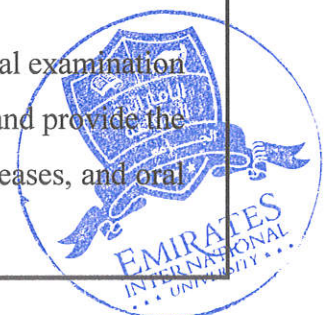
IV. Course Intended Learning Outcomes (CILOs) :
Upon successful completion of the Course, student will be able to:

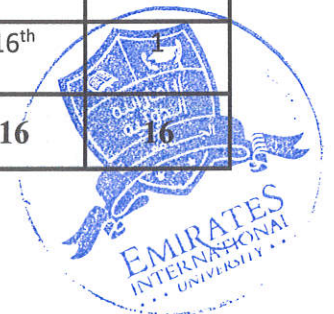|	**A. Knowledge and Understanding:**
a1	Demonstrate an understanding of the etiology pathobiology and clinical presentation of diseases of the oral and peri-oral tissues
a2	Understanding the different types of tongue and lips diseases.
a3	Understanding the different types of taste disorders.
a4	Understanding the relationship of oral diseases and cardiovascular diseases.
a5	Understanding the relationship of oral diseases and hematological disorders.
a6	Understanding the relationship of oral diseases and bleeding and clotting disorders.
a7	Understanding the relationship of oral diseases and renal diseases.
	B. Intellectual Skills:
b1	Analyze, and correlate clinical laboratory data and investigations to help formulate a proper relevant treatment plans
b2	Select suitable materials and instruments to perform basic oral surgical procedures as well as prescribe different medications depending on the patient's needs.
	C. Professional and Practical Skills:
c1	Choose the appropriate diagnostic and management techniques based on patient's age, behavior capabilities, stage of dental growth/development and chief complaints.
c2	Request special investigations needed to confirm the clinical, working or tentative diagnosis.
c3	Select indicated clinical examination for specific oral lesion
c4	Analyze and interpret data collected from the patient's history, clinical, radiographic and other investigations
c5	Assemble and link the data obtained from the patient's history and clinical examination to develop the differential diagnosis of patients chief complaint.
	D. Transferable Skills:

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| d1 | Use internet and multimedia. |
| d2 | Manage time and resources |

V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
1	Diseases of tongue and lips.	• Introduction • Anatomy • Disease	1st, 2nd	2
2	Taste disorders.	• Types • Related nerve • Causes and management	3rd	1
3	Diseases of cardiovascular system.	• Hypertion. • Coronary artery diseases • Valvular heart diseases. • Heart failure. • Arrhythmia. • Permanent pacemakers	4th, 5th	2
4	Renal diseases.	• Pathophysiology • Clinical features. • Oral manifestations. • Dental management.	6th, 7th	2
5	Midterm exam	•	8th	1
6	Hematological disorders.	• Process of hematopoiesis • Red blood cell disorders. • White blood cell disorders.	9th, 10th, 11th, 12th	4
7	Bleeding and clotting disorders.	• Pathophysiology • Classification • Identification of patients • Mangment • Prognosis • Oral health considerations.	13th, 14th, 15th	3
8	Final exam	•	16th	1
Number of Weeks /and Units Per Semester			**16**	**16**

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B.	Case Studies and Practical Aspect:		
No.	**Tasks/ Experiments**	**Week Due**	**Contact Hours**
1	Taking patient history	1st-2nd	6
2	Clinical examination and taking intra-oral biopsy	3rd to 6th	9
3	Lab investigations	7th	6
4	Take examples of differential diagnosis	8th to 14th	21
5	Final practical exam	15th	3
	Number of Weeks /and Units Per Semester	**15**	**45**

VI. Teaching Strategies of the Course:

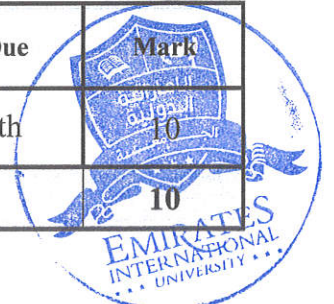- Lectures
- Debate
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- Discussion
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VII. Assessment Methods of the Course:

- Midterm exam
- Final exam
- Practical exam
- Assignment

VIII. Assignments:

No.	Assignments	Week Due	Mark
1	Requirements	1st-15th	10
	Total		**10**

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IX. Schedule of Assessment Tasks for Students During the Semester

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Midterm exam	8th	20	20%
2	Final exam	16th	50	50%
3	Practical exam	15th	20	20%
4	Assignment	1st-15th	10	10%
	Total		**100**	**100%**

X. Learning Resources:

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2- Essential References:

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