

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 advance diagnosis, oral medicine, pathology & radiology (clinical)

Course No. ()



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Review committee:

Head of the Department

Quality Assurance head

Dean of Faculty



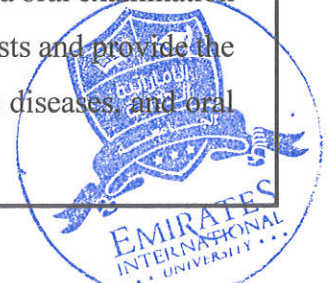
I. Course Identification and General Information:

1	Course Title:	advance diagnosis, oral medicine, pathology & radiology (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:	5 th Level 2 nd Semester			
5	Pre –Requisite (if any):	Differential Diagnosis (clinical)			
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			

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.



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 salivary gland disorders.			A2
a3	Understanding the different types of differential diagnosis of a swelling.			A4
a4	Understanding the differential diagnosis of orofacial pain.			A2
a5	Understanding the different types of endocrine diseases.			A2
a6	Understanding the different types of infectious diseases.			A2
a7	Understanding the different types of immunological diseases..			A2
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 age, behavior capabilities, stage of dental growth/development and chief complaints.			C4
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			C1
c5	Assemble and link the data obtained from the patient's history and clinical examination to develop the differential diagnosis of patients chief complaint.			C1
D. Transferable Skills:				
d1	Use internet and multimedia			D2
d2	Manage time and resources			D3,4

(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	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions ▪ Debate 	<ul style="list-style-type: none"> ▪ Midterm Exam ▪ Final Exam ▪ Homework
a2	Understanding the different types of salivary gland disorders.	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions ▪ Debate 	<ul style="list-style-type: none"> ▪ Midterm Exam ▪ Final Exam ▪ Homework
a3	Understanding the different types of differential diagnosis of a swelling.	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions ▪ Debate 	<ul style="list-style-type: none"> ▪ Midterm Exam ▪ Final Exam ▪ Homework

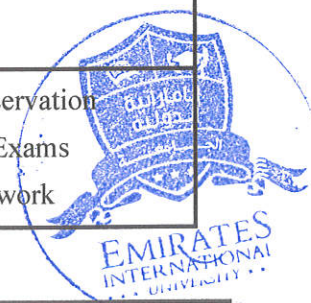
a4	Understanding the differential diagnosis of orofacial pain.	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions ▪ Debate 	<ul style="list-style-type: none"> ▪ Midterm Exam ▪ Final Exam ▪ Homework
a5	Understanding the different types of endocrine diseases.	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions ▪ Debate 	<ul style="list-style-type: none"> ▪ Midterm Exam ▪ Final Exam ▪ Homework
a6	Understanding the different types of infectious diseases.	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions ▪ Debate 	<ul style="list-style-type: none"> ▪ Midterm Exam ▪ Final Exam ▪ Homework
a7	Understanding the different types of immunological diseases.	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions ▪ Debate 	<ul style="list-style-type: none"> ▪ Midterm Exam ▪ Final Exam ▪ Homework

B. Intellectual Skills:

b1	Analyze, and correlate clinical laboratory data and investigations to help formulate a proper relevant treatment plans	<ul style="list-style-type: none"> ▪ Lectures ▪ Demonstrations ▪ Discussions 	<ul style="list-style-type: none"> ▪ 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.	<ul style="list-style-type: none"> ▪ Lectures ▪ Demonstrations ▪ Discussions 	<ul style="list-style-type: none"> ▪ 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.	<ul style="list-style-type: none"> ▪ Training ▪ Demonstrations ▪ Discussions 	<ul style="list-style-type: none"> ▪ Direct observation ▪ Practical Exams ▪ Semester work
c2	Request special investigations needed to confirm the clinical, working or tentative diagnosis.	<ul style="list-style-type: none"> ▪ Training ▪ Demonstrations ▪ Discussions 	<ul style="list-style-type: none"> ▪ Direct observation ▪ Practical Exams ▪ Semester work



c3	Select indicated clinical examination for specific oral lesion	<ul style="list-style-type: none"> ▪ Training ▪ Demonstrations ▪ Discussions 	<ul style="list-style-type: none"> ▪ Direct observation ▪ Practical Exams ▪ Semester work
c4	Analyze and interpret data collected from the patient's history, clinical, radiographic and other investigations	<ul style="list-style-type: none"> ▪ Training ▪ Demonstrations ▪ Discussions 	<ul style="list-style-type: none"> ▪ Direct observation ▪ Practical Exams ▪ Semester work
c5	Assemble and link the data obtained from the patient's history and clinical examination to develop the differential diagnosis of patients chief complaint	<ul style="list-style-type: none"> ▪ 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	Use internet and multimedia.	<ul style="list-style-type: none"> ▪ Self-Learning ▪ Presentation ▪ Brainstorming 	<ul style="list-style-type: none"> ▪ Direct observation ▪ Practical Exams ▪ Semester work
d2	Manage time and resources	<ul style="list-style-type: none"> ▪ Self-Learning ▪ Presentation ▪ 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 (CILOs)
1	Salivary gland disorders	<ul style="list-style-type: none"> • Salivary gland anatomy. • Disorders of salivary gland. • Xerostomia • Sialorrhea • Salivary gland tumors 	1 st -2 nd	2	a1-a5, b1, b2
2	Differential diagnosis of an oral and facial swelling	Definition, etiological factor, differential diagnosis and treatment	3 rd -4 th	2	a1-a4



No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
3	Diagnosis of orofacial pain.	<ul style="list-style-type: none"> Odontogenic pain Non-odontogenic pain 	5 th -6 th	2	a1-a4
4	Endocrine diseases part I	<ul style="list-style-type: none"> Hypothalamus and anterior pituitary Adrenal diseases 	7 th	1	a1-a5
5	Midterm exam		8 th	1	a1-a5, b1, b2
6	Endocrine diseases part II	<ul style="list-style-type: none"> Thyroid diseases Diabetes Mellitus. 	9 th	1	a1-a7
7	Infectious diseases.	<ul style="list-style-type: none"> Bacterial infections Protozoal infection Viral infections. 	10 th -13 th	4	a1-a6, b2
8	Immunological diseases.	<ul style="list-style-type: none"> General principles Primary immunodeficiencies. Secondary immunodeficiencies. Connective tissue diseases. Allergy. 	14 th -15 th	2	a1-a5
9	<ul style="list-style-type: none"> Final exam 		16 th	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 to 14th	21	c1-c5, d1,d2
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
- Self-Learning
- Presentation

VI. Assessment Methods of the Course:

- Midterm exam
- Final exam
- Practical exam
- Assignment

VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Clinical Requirements	1 st -14 th	10	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	8 th	20	20%	a1-a5, b1, b2
2	Final exam	16 th	50	50%	a1-a7, b1, b2
3	Practical exam	15 th	20	20%	c1-c5, d1,d2
4	Assignment	1 st to 14 th	10	10%	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,.5thedition,

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:



	<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: 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: 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 Dentistry

Department of Oral Surgery

Doctor of Dental Surgery

Course Plan (Syllabus) of advance diagnosis, oral medicine, pathology & radiology (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



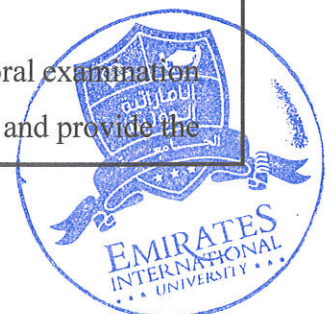
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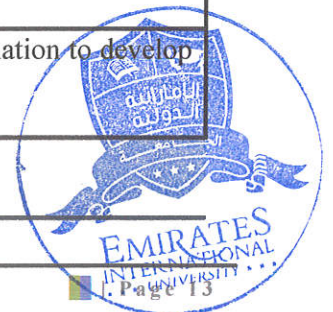


basic knowledge of oral medicine, relationship of oral diseases and systemic diseases, and oral health.

IV. Course Intended Learning Outcomes (CILOs) :

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

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a5	Understanding the different types of endocrine diseases.
a6	Understanding the different types of infectious diseases.
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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:	



d1	Use internet and multimedia
d2	Manage time and resources

V. Course Contents:

A. Theoretical Aspect:

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2	Differential diagnosis of an oral and facial swelling	Definition, etiological factor, differential diagnosis and treatment	3 rd -4 th	2
3	Diagnosis of orofacial pain.	<ul style="list-style-type: none"> • Odontogenic pain • Non-odontogenic pain 	5 th -6 th	2
4	Endocrine diseases part I	<ul style="list-style-type: none"> • Hypothalamus and anterior pituitary • Adrenal diseases • 	7 th	1
5	Midterm exam		8 th	1
6	Endocrine diseases part II	<ul style="list-style-type: none"> • Thyroid diseases • Diabetes Mellitus. 	9 th	1
7	Infectious diseases.	<ul style="list-style-type: none"> • Bacterial infections • Protozoal infection • Viral infections. 	10 th -13 th	4
8	Immunological diseases.	<ul style="list-style-type: none"> • General principles • Primary immunodeficiencies. • Secondary immunodeficiencies. • Connective tissue diseases. • Allergy. 	14 th -15 th	2
9	• Final exam		16 th	1
Number of Weeks /and Units Per Semester			16	16



B. Case Studies and Practical Aspect:			
No.	Tasks/ Experiments	Week Due	Contact Hours
1	Taking patient history	1 st -2 nd	6
2	Clinical examination and taking intra-oral biopsy	3 rd to 6 th	9
3	Lab investigations	7 th	6
4	Take examples of differential diagnosis	8 th to 14 th	21
5	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
- Self-Learning
- Presentation

VII. Assessment Methods of the Course:

- Midterm exam
- Final exam
- Practical exam
- Assignment

VIII. Assignments:

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



No.	Assignments	Week Due	Mark
Total			10

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

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Midterm exam	8 th	20	20%
2	Final tem exam	16 th	50	50%
3	Practical exam	15 th	20	20%
4	Assignment	1 st to 14 th	10	10%
Total			100	100%

X. Learning Resources:

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

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

2- Essential References:

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3- Electronic Materials and Web Sites etc.:

- [www.journal.oral medicine pain](http://www.journal.oralmedicinepain)

XI. Course Policies: (Based on the Uniform Students' Bylaw (2007))

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