

Republic of Yemen  
Ministry of Higher Education & Scientific Research  
Emirates International University



**Faculty of Dentistry**  
**Department of Conservative Dentistry**  
**Doctor of Dental Surgery (DDS)**

**Course Specification of**  
**Comprehensive Clinic Practice II**  
**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:	Comprehensive Clinic Practice II			
2	Course Code & Number:	----			
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		2	--	6	--
4	Study Level/ Semester at which this Course is offered:	5 <sup>th</sup> Level / 2 <sup>nd</sup> Semester			
5	Pre –Requisite (if any):	Comprehensive Clinic Practice I			
6	Co –Requisite (if any):	Esthetic Dentistry			
7	Program (s) in which the Course is Offered:	Doctor of Dental Surgery (DDS)			
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:	Assoc. Prof. Dr. Ibrahim Z. Al-Shami			

## II. Course Description:

This course is a continuation of Comprehensive Clinic Practice I. Students are assigned patients to provide comprehensive dental care in a general dentistry practice clinical setting.

During this course the student should be able to perform a complete clinical examination, diagnosis and management of patient case including all detailed clinical procedure in conservative treatment (operative dentistry, endodontic, periodontology and fixed prosthodontic). Patient care is carried out under the supervision and teaching of clinical instructors and staff members from the department.





III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Referenced PILOs Learning out of program		
<b>A. Knowledge and Understanding:</b>		I, A or E		
a1	Recognize and diagnose the conditions of the oral cavity and its related structures, using proper diagnostic tools.		A4	
a2	Make clinical judgment towards restorability of teeth that requires esthetic restoration to restore them to a biologically and mechanically acceptable level.		A2	
<b>B. Intellectual Skills:</b>				
b1	Verify the problem oriented treatment planning model and address all the list of dental problems that may face the patient		B1	
b2	Evaluating the patients' needs and build a comprehensive treatment plan accordantly		B3	
<b>C. Professional and Practical Skills:</b>				
c1	Perform a proper clinical diagnosis of different tooth disease and developed a formulated comprehensive problem based treatment plan.		C2	
c2	perform appropriate preventive and esthetic restorative treatment options based on clinical and radiographic findings when indicated		C1	
c3	Perform all technical details of various treatment steps and procedures to reinforce the pre-clinical knowledge.		C7	
c4	Enhance the different skills of oral and dental treatment.		C4	





<b>D. Transferable Skills:</b>			
d1	Adapt to continuous, self-development and long life learning to remain update with advancement in esthetic dentistry		D1
d2	Analyze and resolve patients problems Using advanced information technologies and techniques to enrich and diversify professional experience.		D8

**(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 Recognize and diagnose the conditions of the oral cavity and its related structures, using proper diagnostic tools.	<ul style="list-style-type: none"> <li>▪ Practical Sessions</li> <li>▪ Demonstrations</li> <li>▪ Discussions</li> </ul>	<ul style="list-style-type: none"> <li>▪ Direct observation</li> <li>▪ Oral Exam</li> <li>▪ Practical Exams</li> <li>▪ Semester work</li> </ul>
a2 Demonstrate the ability to arrange the treatment plan in a logical manner, and a functionally acceptable arrangement	<ul style="list-style-type: none"> <li>▪ Practical Sessions</li> <li>▪ Demonstrations</li> <li>▪ Discussions</li> </ul>	<ul style="list-style-type: none"> <li>▪ Direct observation</li> <li>▪ Oral Exam</li> <li>▪ Practical Exams</li> <li>▪ Semester work</li> </ul>

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

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
b1 Verify the problem oriented treatment planning model and address all the list of dental problems that may face the patient	<ul style="list-style-type: none"> <li>▪ Practical Sessions</li> <li>▪ Demonstrations</li> <li>▪ Discussions</li> </ul>	<ul style="list-style-type: none"> <li>▪ Direct observation</li> <li>▪ Oral Exam</li> <li>▪ Practical Exams</li> <li>▪ Semester work</li> </ul>
b2 Evaluating the patients' needs and build a comprehensive treatment plan accordantly	<ul style="list-style-type: none"> <li>▪ Practical Sessions</li> <li>▪ Demonstrations</li> <li>▪ Discussions</li> </ul>	<ul style="list-style-type: none"> <li>▪ Direct observation</li> <li>▪ Oral Exam</li> <li>▪ Practical Exams</li> <li>▪ Semester work</li> </ul>

**(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
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c1	Perform a proper clinical diagnosis of different tooth disease and developed a formulated comprehensive problem based treatment plan.	<ul style="list-style-type: none"> <li>Practical Sessions</li> <li>Demonstrations</li> <li>Discussions</li> </ul>	<ul style="list-style-type: none"> <li>Direct observation</li> <li>Practical Exams</li> <li>Semester work</li> </ul>
c2	perform appropriate preventive and esthetic restorative treatment options based on clinical and radiographic findings when indicated	<ul style="list-style-type: none"> <li>Practical Sessions</li> <li>Demonstrations</li> <li>Discussions</li> </ul>	<ul style="list-style-type: none"> <li>Direct observation</li> <li>Practical Exams</li> <li>Semester work</li> </ul>
c3	Perform all technical details of various treatment steps and procedures to reinforce the pre-clinical knowledge.	<ul style="list-style-type: none"> <li>Practical Sessions</li> <li>Demonstrations</li> <li>Discussions</li> </ul>	<ul style="list-style-type: none"> <li>Direct observation</li> <li>Practical Exams</li> <li>Semester work</li> </ul>
c4	Enhance the different skills of oral and dental treatment.	<ul style="list-style-type: none"> <li>Practical Sessions</li> <li>Demonstrations</li> <li>Discussions</li> </ul>	<ul style="list-style-type: none"> <li>Direct observation</li> <li>Practical Exams</li> <li>Semester work</li> </ul>

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

	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
d1	Adapt to continuous, self-development and long life learning to remain update with advancement in esthetic dentistry	<ul style="list-style-type: none"> <li>Demonstrations</li> <li>Discussions</li> </ul>	<ul style="list-style-type: none"> <li>Direct observation</li> <li>Practical Exams</li> <li>Semester work</li> </ul>
d2	Analyze and resolve patients problems Using advanced information technologies and techniques to enrich and diversify professional experience.	<ul style="list-style-type: none"> <li>Demonstrations</li> <li>Discussions</li> </ul>	<ul style="list-style-type: none"> <li>Direct observation</li> <li>Practical Exams</li> <li>Semester work</li> </ul>

#### IV. Course Contents:

##### A. Case Studies and Practical Aspect:

No.	Tasks/ Experiments	Week Due	Contact Hours	Learning Outcomes (CILOs)
1	<ul style="list-style-type: none"> <li>- Examination, diagnosis &amp; treatment planning.</li> <li>- Anterior composite restoration, class IV and class III angle build up, Diastema closure, shaping and contouring of teeth.</li> <li>- Laminate veneers, direct and indirect composite veneers. Ceramic Veneers</li> <li>- Direct Posterior composite restorations</li> <li>- Bleaching (vital and non-vital)</li> <li>- Demonstration of post and core for anterior teeth</li> <li>- Anterior/ posterior ceramic crowns and bridge (fixed prosthesis)</li> <li>- Scaling and Root Planning</li> <li>- Gingivectomy</li> <li>- Crown lengthening</li> <li>- Large posterior (Complex) restorations: buildup (amalgam or composite)</li> <li>- Endodontic treatment for posterior teeth</li> </ul>	1 <sup>st</sup> - 14 <sup>th</sup>	6	a1,a2,b1,b2,c1, c2,c3,c4,d1,d2
2	<b>Practical Exam</b>	15 <sup>th</sup>	6	a1,a2,b1,b2,c1, c2,c3,c4,d1,d2
<b>Number of Weeks /and Units Per Semester</b>		<b>15</b>	<b>90</b>	

#### V. Teaching Strategies of the Course:

- Practical Sessions
- Demonstrations
- Discussions





## VI. Assessment Methods of the Course:

- Direct observation
- Oral Exam
- Practical Exams
- Semester work

## VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Semester practical work: - Clinical Cases and Requirements	1 <sup>st</sup> - 14 <sup>th</sup>	50	a1,a2,b1,b2,c1,c2 ,c3,c4,d1,d2
<b>Total</b>			<b>50</b>	

## 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	Assignments	1 <sup>st</sup> - 14 <sup>th</sup>	50	50%	a1, a2, b1, b2, c1,c2,c3, d1,d2
2	Practical Exam	15 <sup>th</sup>	25	25%	a1, a2, b1, b2, c1,c2,c3, d1,d2
3	Oral Exam	15 <sup>th</sup>	25	25%	a1, a2, b1, b2
<b>Total</b>			<b>100</b>	<b>100%</b>	

## IX. Learning Resources:

### 1- Required Textbook(s) :

- 1- Michael Cohen, 2008, Interdisciplinary Treatment Planning: Principles, Design, Implementation
- 2- Kay E J, Shearer A C, Bridgman A M, Humphris G M, 2005: Integrated Dental Treatment Planning: A case-based approach. 1<sup>st</sup> edition Oxford.
- 3- Jain Malkin. 2002. Medical and Dental Space Planning: A Comprehensive Guide to Design, Equipment, and Clinical Procedures

### 2- Essential References:





- 1- Robert R. Edwab. 2003, Essential Dental Handbook: Clinical and Practice Management Advice from the Experts
- 2- Mabel Slater. 2009. Dental Team Companion: Clinical Practice - 6 (Quintessential of Dental Practice)

### 3- Electronic Materials and Web Sites etc.:

#### Websites:

- 1- Journal of dentistry  
<https://www.journals.elsevier.com › journal-of-dentistry>

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

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





**Faculty of Dentistry**  
**Department of Conservative Dentistry**  
**Program of Doctor of Dental Surgery (DDS)**

**Course Plan (Syllabus) of**  
**Comprehensive Clinic Practice II**

**Course No. ( ----- )**

I. Information about Faculty Member Responsible for the Course:						
Name of Faculty Member:	Ibrahim Z. Al-Shami	Office Hours				
Location & Telephone No.:	Sanaa 777980568	4 Hours Weekly				
E-mail:	ibrahimzaed@yahoo.com	SAT 1	SUN	MON 1	TUE 1	WED THU 1



## II. Course Identification and General Information:

1	<b>Course Title:</b>	Comprehensive Clinic Practice II			
2	<b>Course Code &amp; Number:</b>	----			
3	<b>Credit Hours:</b>	<b>Credit Hours</b>	<b>Theory Hours</b>		<b>Lab. Hours</b>
			<b>Lecture</b>	<b>Exercise</b>	
		2	--	6	--
4	<b>Study Level/ Semester at which this Course is offered:</b>	5th Level / 2nd Semester			
5	<b>Pre –Requisite (if any):</b>	Comprehensive Clinic Practice I			
6	<b>Co –Requisite (if any):</b>	Esthetic Dentistry			
7	<b>Program (s) in which the Course is Offered:</b>	Doctor of Dental Surgery (DDS)			
8	<b>Language of Teaching the Course:</b>	English			
9	<b>Study System:</b>	Semester based System			
10	<b>Mode of Delivery:</b>	Full Time			
11	<b>Location of Teaching the Course:</b>	Faculty of Dentistry			
12	<b>Prepared by:</b>	Assoc. Prof. Dr. Ibrahim Z. Al-Shami			

## III. Course Description:

This course is a continuation of Comprehensive Clinic Practice I. Students are assigned patients to provide comprehensive dental care in a general dentistry practice clinical setting.

During this course the student should be able to perform a complete clinical examination, diagnosis and management of patient case including all detailed clinical procedure in conservative treatment (operative dentistry, endodontic, periodontology and fixed prosthodontic). Patient care is carried out under the supervision and teaching of clinical instructors and staff members from the department.





#### IV. Course Intended Learning Outcomes (CILOs) :

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

	<b>A. Knowledge and Understanding:</b>
a1	Recognize and diagnose the conditions of the oral cavity and its related structures, using proper diagnostic tools.
a2	Make clinical judgment towards restorability of teeth that requires esthetic restoration to restore them to a biologically and mechanically acceptable level.
	<b>B. Intellectual Skills:</b>
b1	Verify the problem oriented treatment planning model and address all the list of dental problems that may face the patient
b2	Evaluating the patients' needs and build a comprehensive treatment plan accordantly
	<b>C. Professional and Practical Skills:</b>
c1	Perform a proper clinical diagnosis of different tooth disease and developed a formulated comprehensive problem based treatment plan.
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c3	Perform all technical details of various treatment steps and procedures to reinforce the pre-clinical knowledge.
c4	Enhance the different skills of oral and dental treatment.
	<b>D. Transferable Skills:</b>
d1	Adapt to continuous, self-development and long life learning to remain update with advancement in esthetic dentistry
d2	Analyze and resolve patients problems Using advanced information technologies and techniques to enrich and diversify professional experience.

## V. Course Contents:

### A. Case Studies and Practical Aspect:

No.	Tasks/ Experiments	Week Due	Contact Hours
1	<ul style="list-style-type: none"> <li>- Examination, diagnosis &amp; treatment planning.</li> <li>- Anterior composite restoration, class IV and class III angle build up, Diastema closure, shaping and contouring of teeth.</li> <li>- Laminate veneers, direct and indirect composite veneers. Ceramic Veneers</li> <li>- Direct Posterior composite restorations</li> <li>- Bleaching (vital and non-vital)</li> <li>- Demonstration of post and core for anterior teeth</li> <li>- Anterior/ posterior ceramic crowns and bridge (fixed prosthesis)</li> <li>- Scaling and Root Planning</li> <li>- Gingivectomy</li> <li>- Crown lengthening</li> <li>- Large posterior (Complex) restorations: buildup (amalgam or composite)</li> <li>- Endodontic treatment for posterior teeth</li> </ul>	1 <sup>st</sup> - 14 <sup>th</sup>	6
2	<b>Practical Exam</b>	15 <sup>th</sup>	6
<b>Number of Weeks /and Units Per Semester</b>		<b>15</b>	<b>90</b>

## VI. Teaching Strategies of the Course:

- Practical Sessions
- Demonstrations
- Discussions

## VII. Assessment Methods of the Course:

- Direct observation
- Oral Exam
- Practical Exams
- Semester work





### VIII. Assignments:

No.	Assignments	Week Due	Mark
1	Semester practical work: - Clinical Cases and Requirements	1st - 14th	50
<b>Total</b>			<b>50</b>

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

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Assignments	1 <sup>st</sup> - 14 <sup>th</sup>	50	50%
2	Practical Exam	15 <sup>th</sup>	25	25%
3	Oral Exam	15 <sup>th</sup>	25	25%
<b>Total</b>			<b>100</b>	<b>100%</b>

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- 2- Mabel Slater. 2009. Dental Team Companion: Clinical Practice - 6 (Quintessential of Dental Practice)

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Websites:





- 4- 1- Journal of dentistry  
5- <https://www.journals.elsevier.com/journal-of-dentistry>

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

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