

Republic of Yemen

Ministry of Education & Scientific Research

Council of Academic Accreditation & Quality Assurance of

Higher Education(CAQA)



21 September University

Faculty of Dentistry

Department of Oral Medicine, Oral Diagnosis, Periodontology and
Radiology

Program of Bachelor of Dental surgery

Course Specification of

Introduction to Periodontics

Course Code. (09.13.939)

2024/2025

I. General Information:

1.	Course Title:	Introduction to Periodontics				
2.	Course Code:	09.13.939				
3.	Credit Hours:	Credit Hours	Theory Contact Hours		Practical Contact Hours	
			Lecture	Tutorial/ Seminar	Lab	Clinical
		3	2	--	--	3
4.	Level/ Semester at which this Course is offered:	4 th Level / 1 st Semester				
5.	Pre –Requisite (if any):	Oral histology (2)				
6.	Co –Requisite (if any):	-----				
7.	Program (s) in which the Course is Offered:	Bachelor of Dental surgery				
8.	Language of Teaching the Course:	English				
9.	Location of Teaching the Course:	Faculty of Dentistry				
10.	Prepared by:	Dr. Wadhah Alhajj				
11.	Date and Number of Approval by Council:					

II. Course Description:

The course aims to provide the students with basic knowledge of periodontal concepts in histology, anatomy and Instrumentation. It learns students the anatomical and histological characteristics of the periodontium, etiology and pathogenesis of periodontal diseases based on basic microbiological and pathological principles. It also describes the various instruments and devices used in periodontal treatment and surgery. This course also educates the students how to perform efficiently root debridement methods for mechanical plaque control. Oral histology (2) is a pre-requisite for this course. Lectures, discussions and cooperative learning are strategies used in this course.

III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Referenced PILOs	
A. Knowledge and Understanding:		I, P or M/A	
a1	Define the anatomical and histological characteristics of the periodontium.	I	<p>A1 Discuss the scientific foundation of dentistry and the relevant biomedical and behavioral sciences that form the basis for understanding human growth, development, and health.</p> <p>A2 Describe the structure and function of the human body in both health and disease, as related to the practice of dentistry.</p>
a2	Describe the etiological, pathogenetic and epidemiological features of periodontal diseases.	I	A1 Discuss the scientific foundation of dentistry and the relevant biomedical and behavioral sciences that form the basis for understanding human growth, development, and health.
a3	Recognize the various instruments and devices used in conventional and surgical periodontal treatment.	P	A4 Recognize the specific clinical, laboratory, and investigative procedures practiced in dentistry
a4	Identify the different types of mechanical and chemical plaque control methods.	M	A4 Recognize the specific clinical, laboratory, and investigative procedures practiced in dentistry
B. Intellectual Skills:			
b1	Distinguish the different periodontal manual, power and surgical instruments.	P	<p>B1 Integrate basic theoretical knowledge of human biology with clinical findings to achieve a proper understanding and management of oral diseases.</p> <p>B5 Select appropriate dental materials, diagnostic tests, and medications for specific clinical conditions.</p>

C. Professional and Practical Skills:				
c1	Demonstrate clearly the different anatomical and histological features of periodontal tissues.	P	C1	Obtain and record a comprehensive history, perform an appropriate physical examination, and carry out different investigations to reach a correct diagnosis and treatment.
c2	Operate efficiently root debridement methods for mechanical plaque control.	P	C4	Apply comprehensive clinical practices & Apply preventive measures for different age groups bearing in mind the different needs of young children, adolescents, adults, special needs and the ageing population/elderly.
D. Transferable Skills:				
d1	Write full and accurate manual and electronic clinical records.	M	D1	Commit to continuous education, self-development and lifelong learning to remain updated with advances in dental practice.
		M	D6	Maintain full and accurate clinical records (manual and electronic).
I= Introduced, P=Practiced or M/A= Mastered/Advanced				

(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	Define the anatomical and histological characteristics of the periodontium.	<ul style="list-style-type: none"> ▪ Interactive lectures ▪ Seminars ▪ Discussion ▪ Self-learning 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Written Exam ▪ Final Oral Exam ▪ Final Practical Exam
a2	Describe the etiological, pathogenetic and epidemiological features of periodontal diseases.	<ul style="list-style-type: none"> ▪ Interactive lectures ▪ Seminars ▪ Discussion ▪ Self-learning 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Written Exam ▪ Final Oral Exam ▪ Final Practical Exam

a3	Recognize the various instruments and devices used in conventional and surgical periodontal treatment.	<ul style="list-style-type: none"> ▪ Interactive lectures ▪ Seminars ▪ Discussion ▪ Self-learning 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Written Exam ▪ Final Oral Exam ▪ Final Practical Exam
a4	Identify the different types of mechanical and chemical plaque control methods.	<ul style="list-style-type: none"> ▪ Interactive lectures ▪ Seminars ▪ Discussion ▪ Self-learning 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Written Exam ▪ Final Oral Exam ▪ Final Practical 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	Distinguish the different periodontal manual, power and surgical instruments.	<ul style="list-style-type: none"> ▪ Interactive lectures ▪ Seminars ▪ Discussion ▪ Self-learning 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Written Exam ▪ Final Oral Exam ▪ Final Practical 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	Demonstrate clearly the different anatomical and histological features of periodontal tissues.	<ul style="list-style-type: none"> ▪ Practical session ▪ Training ▪ CBL ▪ PBL 	<ul style="list-style-type: none"> ▪ Final Clinical Exam ▪ Final Practical Exam ▪ OSCE ▪ OSPE
c2	Operate efficiently root debridement methods for mechanical plaque control.	<ul style="list-style-type: none"> ▪ Practical session ▪ Training ▪ CBL ▪ PBL 	<ul style="list-style-type: none"> ▪ Final Clinical Exam ▪ Final Practical Exam ▪ OSCE ▪ OSPE
(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching Strategies and Assessment Methods:			
Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
	Write full and accurate manual	<ul style="list-style-type: none"> ▪ Seminars ▪ Discussion 	<ul style="list-style-type: none"> ▪ Homework ▪ Research

d1	and electronic clinical records.	<ul style="list-style-type: none"> ▪ Self-Learning ▪ Presentation ▪ PBL 	<ul style="list-style-type: none"> ▪ Oral Discussion
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IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Gingiva	<ul style="list-style-type: none"> - Anatomic features of gingiva - Histologic features of gingiva - Nerve and blood supply of gingiva - Lymphatics of the gingiva 	1	2	a1, c1
2	Periodontal ligament	<ul style="list-style-type: none"> - Parts of periodontal ligaments - Histological features - Structure - Functions - Blood and nerve supply - Age changes 	1	2	a1, c1
3	Cementum	<ul style="list-style-type: none"> - Physical and chemical properties - Types of cementum - Structure of cellular and Acellular cementum - Functions of cementum - Age changes of cementum 	1	2	a1, c1
4	Bone and Alveolar process	<ul style="list-style-type: none"> - Types of bone - Histological features of bone types - Alveolar process (anatomy, histology and radiography) - Blood and nerve supply - Functions - Physiologic changes of bone 	1	2	a1, c1
5	Manual Periodontal instruments	<ul style="list-style-type: none"> - Periodontal probes - Dental explorers - Curettes - Scalers - Hoes - Chisels - Files - Plastic and titanium instruments 	1	2	a3, b1, c2, d1

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
6	Power periodontal instruments – Cleansing and polishing instruments)	<ul style="list-style-type: none"> - Sonic scalers - Magnetostrictive ultrasonic scalers - Piezo-electric ultrasonic scalers - Rubber cups Bristle brushes 	1	2	a3, b1, c2, d1
7	Surgical instruments	<ul style="list-style-type: none"> - Knives and scalpels - Periosteal elevators - Holders and artery forceps - Rongeurs and files - Chisel and mallets 	1	2	a3, b1, c2, d1
8	- Midterm examination		1	2	a1, a3, b1, c1, c2, d1
9	Etiology of periodontal diseases (Local factors)	<ul style="list-style-type: none"> - Dental Plaque - Dental calculus - Stains - Restorative procedures - Iatrogenic factors - Orthodontic treatment - Tobacco - Abnormal habits - Food impaction 	1	2	a2, d1
10	Etiology of periodontal diseases (Systemic factors)	<ul style="list-style-type: none"> - Nutritional deficiency - Endocrinal disorders - Immunodeficiency - Hematological factors - Psychosomatic factors - Medications 	1	2	a2, d1
11	Pathogenesis of periodontal diseases	<ul style="list-style-type: none"> - Initial lesion - Early lesion - Established lesion - Advanced lesion 	1	2	a2, d1
12	Epidemiology of periodontal diseases	<ul style="list-style-type: none"> - Introduction - Plaque index - Gingival index 	1	2	a2, d1

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
		<ul style="list-style-type: none"> - Papilla bleeding index - Periodontal indices - Oral hygiene index - Community periodontal index of treatment need (CPITN) 			
13	Dental plaque control – (Mechanical)	<ul style="list-style-type: none"> - Dental brushes - Dental floss - Interdental brushes, - Single tufted brushes - Rubber tips - Jet irrigators 	1	2	a4, c2
14	Dental plaque control – (Chemical)	<ul style="list-style-type: none"> - Properties - Forms - Mechanisms - Antiseptics - Antibiotics 	1	1	a4, c2
15	Classifications of periodontal diseases	<ul style="list-style-type: none"> - World Workshop of Clinical Periodontics (1989) - The International Workshop for the Classification of Gingival Diseases (1999) - World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions (2017) 	1	2	a2, d1
16	- Final Theoretical Exam		1	2	a1, a2, a3, a4, b1, c1, c2, d1
Number of Weeks /and Units Per Semester			16	32	

B. Practical Aspect (Lab/Clinical) (if any):

No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	- Demo for periodontal Charting	2	6	d1

No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
2	- Demo for periodontal instruments	1	3	a3, b1, c2
3	- Demo supra gingival scaling and root planning (Manual)	1	3	a1, b1, c2
4	- Demo sub gingival scaling and root planning (Manual)	1	3	a1, b1, c2
5	- Cases of scaling and root planing for various gingivitis cases	1	3	a1, b1, c2
6	- Cases of scaling and root planing for various gingivitis cases	1	3	a1, b1, c2
7	- Cases of scaling and root planing for various gingivitis cases	1	3	a1, b1, c2
8	- Cases of scaling and root planing for various gingivitis cases	1	3	a1, b1, c2
9	Cases of scaling and root planing for various gingivitis cases	1	3	a1, b1, c2
10	- Cases of scaling and root planing for various gingivitis cases	1	3	a1, b1, c2
11	- Cases of scaling and root planing for various gingivitis cases	1	3	a1, b1, c2
12	- Cases of scaling and root planing for various gingivitis cases	1	3	a1, b1, c2
13	- Cases of scaling and root planing for various gingivitis cases	1	3	a1, b1, c2
14	- Final practical examination	1	3	a1, a3, b1, c2, d1
Number of Weeks /and Units Per Semester		15	45	

VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Assignments: Six practical requirement cases	6 th -14 th week	20	a1, b1, c2

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
Total			20	

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	6 th - 14 th weeks	20	20%	a1, b1, c2
2	Mid-Term Theoretical Exam	10 th week	20	20%	a1, a3, b1, c1, c2, d1
3	Final Practical Exam	15 th week	20	20%	a1, a3, b1, c2, d1
4	Final Theoretical Exam	16 th week	40	40%	a1, a2, a3, a4, b1, c1, c2, d1
Total			100	100%	

IX. Learning Resources:

- *Written in the following order:* Author, Year of publication, Title, Edition, Place of publication, Publisher.

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

- 1- Newman and Carranza`s Clinical Periodontology, Newman MG, Takei HH, Klokkevold PR, Carranza FA, 14th, Edition, 2024
- 2- Lindhe`s Clinical Periodontology & _Implant Dentistry 7th_Ed, Jan Lindhe and Niklaus P. Lang, 7th Edition, 2022.

2- Essential References:

- 1- Fernando Suarez,,: Periodontics: The Complete Summary CBS; 1st edition (April 6, 2021)
- 2- Geoffrey Bateman et al,:Contemporary Periodontal Surgery: An Illustrated Guide to the Art behind the Science Quintessence Publishing (IL); 1st edition (September 11, 2019)
- 3- Serge Dibart ,2020:Practical Advanced Periodontal Surgery 2nd Edition, Wiley-Blackwell

3- Electronic Materials and Web Sites etc.:

Websites:

- 1- <http://free-books.us.to>
- 2- <http://www.sciencedirect.com/science/journal/10792104>

- 3- <http://www.ncbi.nlm.nih.gov/pubmed>
4- <http://www.pubmed.com>

Journals:

- 1- Journal of Clinical Periodontology
<https://journals.scholarsportal.info/browse/03036979>
2- Journal of Periodontology
<https://home.perio.org/pprosso/login.aspx?vi=7&vt=c08dffeffdef360c1215c7068b1286bc0e7d266344c92a14b75c905bbdd558923c9c3023c25d44700058fb96af843d0a4b89ba6ab69c2c3a7306aa926d8317d2ddafc93defdf470d26a25e1730a60cbb&ResetEmail=N>

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: 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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Course Specification of

Introduction to Periodontics

Course Code. (09.13.939)

2024/2025



T4: This Template is Developed and Approved by CAQA-Yemen, 2023

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

2024/2025

II. Course Identification and General Information:					
Course Title:	Introduction to Periodontics				
Course Code:	09.13.939				
Credit Hours:	Credit Hours	Theory Contact Hours		Practical Contact Hours	
		Lecture	Tutorial/ Seminar	Lab	Clinical
	3	2	--	--	3
Level/ Semester at which this Course is offered:	4th Level / 1st Semester				
Pre –Requisite (if any):	Oral histology (2)				
Co –Requisite (if any):	-----				
Program (s) in which the Course is Offered:	Bachelor of Dental surgery				
Language of Teaching the Course:	English				
Location of Teaching the Course:	Faculty of Dentistry				
Prepared by:	Dr. Wadhah Alhajj				
11 Date and Number of Approval by Council:					

III. Course Description:

The course aims to provide the students with basic knowledge of periodontal concepts in histology, anatomy and Instrumentation. It learns students the anatomical and histological characteristics of the periodontium, etiology and pathogenesis of periodontal diseases based on basic microbiological and pathological principles. It also describes the various instruments and devices used in periodontal treatment and surgery. This course also educates the students how to perform efficiently root debridement methods for mechanical plaque control. Oral histology (2) is a pre-requisite for this course. Lectures, discussions and cooperative learning are strategies used in this course.

IV. Course Intended Learning Outcomes (CILOs) :

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

A. Knowledge and Understanding:	
a1	Define the anatomical and histological characteristics of the periodontium.
a2	Describe the etiological, pathogenetic and epidemiological features of periodontal diseases.
a3	Recognize the various instruments and devices used in conventional and surgical periodontal treatment.
a4	Identify the different types of mechanical and chemical plaque control methods.
B. Intellectual Skills:	
b1	Distinguish the different periodontal manual, power and surgical instruments.
C. Professional and Practical Skills:	
c1	Demonstrate clearly the different anatomical and histological features of periodontal tissues.



c2	Operate efficiently root debridement methods for mechanical plaque control.	D · T r a n s f e r a b l e S k i l l s :
d1	Write full and accurate manual and electronic clinical records.	
I= Introduced, P=Practiced or M/A= Mastered/Advanced		

V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
1	Gingiva	<ul style="list-style-type: none"> - Anatomic features of gingiva - Histologic features of gingiva - Nerve and blood supply of gingiva - Lymphatics of the gingiva 	1	2
2	Periodontal ligament	<ul style="list-style-type: none"> - Parts of periodontal ligaments - Histological features - Structure - Functions - Blood and nerve supply - Age changes 	1	2
3	Cementum	<ul style="list-style-type: none"> - Physical and chemical properties - Types of cementum - Structure of cellular and Acellular cementum - Functions of cementum - Age changes of cementum 	1	2
4	Bone and Alveolar process	<ul style="list-style-type: none"> - Types of bone - Histological features of bone types - Alveolar process (anatomy, histology and radiography) - Blood and nerve supply - Functions - Physiologic changes of bone 	1	2
5	Manual Periodontal instruments	<ul style="list-style-type: none"> - Periodontal probes - Dental explorers - Curettes - Scalers - Hoes - Chisels - Files - Plastic and titanium instruments 	1	2
6	Power periodontal instruments – Cleansing and polishing instruments)	<ul style="list-style-type: none"> - Sonic scalers - Magnetostrictive ultrasonic scalers - Piezo-electric ultrasonic scalers - Rubber cups Bristle brushes 	1	2

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
7	Surgical instruments	<ul style="list-style-type: none"> - Knives and scalpels - Periosteal elevators - Holders and artery forceps - Rongeurs and files - Chisel and mallets 	1	2
8	- Midterm examination		1	2
9	Etiology of periodontal diseases (Local factors)	<ul style="list-style-type: none"> - Dental Plaque - Dental calculus - Stains - Restorative procedures - Iatrogenic factors - Orthodontic treatment - Tobacco - Abnormal habits - Food impaction 	1	2
10	Etiology of periodontal diseases (Systemic factors)	<ul style="list-style-type: none"> - Nutritional deficiency - Endocrinal disorders - Immunodeficiency - Hematological factors - Psychosomatic factors - Medications 	1	2
11	Pathogenesis of periodontal diseases	<ul style="list-style-type: none"> - Initial lesion - Early lesion - Established lesion - Advanced lesion 	1	2
12	Epidemiology of periodontal diseases	<ul style="list-style-type: none"> - Introduction - Plaque index - Gingival index - Papilla bleeding index - Periodontal indices - Oral hygiene index - Community periodontal index of treatment need (CPITN) 	1	2
13	Dental plaque control – (Mechanical)	<ul style="list-style-type: none"> - Dental brushes - Dental floss - Interdental brushes, - Single tufted brushes 	1	2

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		<ul style="list-style-type: none"> - Rubber tips - Jet irrigators 		
14	Dental plaque control – (Chemical)	<ul style="list-style-type: none"> - Properties - Forms - Mechanisms - Antiseptics - Antibiotics 	1	1
15	Classifications of periodontal diseases	<ul style="list-style-type: none"> - World Workshop of Clinical Periodontics (1989) - The International Workshop for the Classification of Gingival Diseases (1999) - World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions (2017) 	1	2
16	- Final Theoretical Exam		1	2
Number of Weeks /and Units Per Semester			16	32

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
1	Gingiva	<ul style="list-style-type: none"> - Anatomic features of gingiva - Histologic features of gingiva - Nerve and blood supply of gingiva - Lymphatics of the gingiva 	1	2
2	Periodontal ligament	<ul style="list-style-type: none"> - Parts of periodontal ligaments - Histological features - Structure - Functions - Blood and nerve supply - Age changes 	1	2
3	Cementum	<ul style="list-style-type: none"> - Physical and chemical properties - Types of cementum - Structure of cellular and Acellular cementum - Functions of cementum - Age changes of cementum 	1	2
4		<ul style="list-style-type: none"> - Types of bone - Histological features of bone types 	1	2

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
	Bone and Alveolar process	<ul style="list-style-type: none"> - Alveolar process (anatomy, histology and radiography) - Blood and nerve supply - Functions - Physiologic changes of bone 		
5	Manual Periodontal instruments	<ul style="list-style-type: none"> - Periodontal probes - Dental explorers - Curettes - Scalers - Hoes - Chisels - Files - Plastic and titanium instruments 	1	2
6	Power periodontal instruments – Cleansing and polishing instruments)	<ul style="list-style-type: none"> - Sonic scalers - Magnetostrictive ultrasonic scalers - Piezo-electric ultrasonic scalers - Rubber cups Bristle brushes 	1	2
7	Surgical instruments	<ul style="list-style-type: none"> - Knives and scalpels - Periosteal elevators - Holders and artery forceps - Rongeurs and files - Chisel and mallets 	1	2
8	Midterm examination		1	2
9	Etiology of periodontal diseases (Local factors)	<ul style="list-style-type: none"> - Dental Plaque - Dental calculus - Stains - Restorative procedures - Iatrogenic factors - Orthodontic treatment - Tobacco - Abnormal habits - Food impaction 	1	2
10	Etiology of periodontal diseases (Systemic factors)	<ul style="list-style-type: none"> - Nutritional deficiency - Endocrinal disorders - Immunodeficiency 	1	2

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		<ul style="list-style-type: none"> - Hematological factors - Psychosomatic factors - Medications 		
11	Pathogenesis of periodontal diseases	<ul style="list-style-type: none"> - Initial lesion - Early lesion - Established lesion - Advanced lesion 	1	2
12	Epidemiology of periodontal diseases	<ul style="list-style-type: none"> - Introduction - Plaque index - Gingival index - Papilla bleeding index - Periodontal indices - Oral hygiene index - Community periodontal index of treatment need (CPITN) 	1	2
13	Dental plaque control – (Mechanical)	<ul style="list-style-type: none"> - Dental brushes - Dental floss - Interdental brushes, - Single tufted brushes - Rubber tips - Jet irrigators 	1	2
14	Dental plaque control – (Chemical)	<ul style="list-style-type: none"> - Properties - Forms - Mechanisms - Antiseptics - Antibiotics 	1	1
15	Classifications of periodontal diseases	<ul style="list-style-type: none"> - World Workshop of Clinical Periodontics (1989) - The International Workshop for the Classification of Gingival Diseases (1999) World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions (2017) 	1	2
16	Final Theoretical Exam		1	2
Number of Weeks /and Units Per Semester			16	32

B. Case Studies and Practical Aspect:

No.	Tasks/ Experiments	Number of Weeks	Contact Hours
1	Demo for periodontal Charting	2	6
2	Demo for periodontal instruments	1	3
3	Demo supra gingival scaling and root planning (Manual)	1	3
4	Demo sub gingival scaling and root planning (Manual)	1	3
5	Cases of scaling and root planing for various gingivitis cases	1	3
6	Cases of scaling and root planing for various gingivitis cases	1	3
7	Cases of scaling and root planing for various gingivitis cases	1	3
8	Cases of scaling and root planing for various gingivitis cases	1	3
9	Cases of scaling and root planing for various gingivitis cases	1	3
10	Cases of scaling and root planing for various gingivitis cases	1	3
11	Cases of scaling and root planing for various gingivitis cases	1	3
12	Cases of scaling and root planing for various gingivitis cases	1	3
13	Cases of scaling and root planing for various gingivitis cases	1	3
14	Final practical examination	1	3
Number of Weeks /and Units Per Semester		15	45
No.	Tasks/ Experiments	Number of Weeks	Contact Hours
1	- Demo for periodontal Charting	2	6
2	- Demo for periodontal instruments	1	3
3	- Demo supra gingival scaling and root planning (Manual)	1	3
4	- Demo sub gingival scaling and root planning (Manual)	1	3
5	- Cases of scaling and root planing for various gingivitis cases	1	3
6	- Cases of scaling and root planing for various gingivitis cases	1	3
7	- Cases of scaling and root planing for various gingivitis cases	1	3

No.	Tasks/ Experiments	Number of Weeks	Contact Hours
8	- Cases of scaling and root planing for various gingivitis cases	1	3
9	Cases of scaling and root planing for various gingivitis cases	1	3
10	- Cases of scaling and root planing for various gingivitis cases	1	3
11	- Cases of scaling and root planing for various gingivitis cases	1	3
12	- Cases of scaling and root planing for various gingivitis cases	1	3
13	- Cases of scaling and root planing for various gingivitis cases	1	3
14	- Final practical examination	1	3
Number of Weeks /and Units Per Semester		15	45

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VI. Teaching Strategies of the Course:

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VII. Assessment Methods of the Course:

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VIII. Assignments:

No.	Assignments	Week Due	Mark
1	Assignments: Six practical requirement cases	6th -14th week	20
Total			20

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

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Assignments	6th - 14th weeks	20	20%
2	Mid-Term Theoretical Exam	10th week	20	20%
3	Final Practical Exam	15th	20	20%

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

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Assignments	6th - 14th weeks	20	20%
2	Mid-Term Theoretical Exam	10th week	20	20%
3	Final Practical Exam	15th week	20	20%
4	Final Theoretical Exam	16th week	40	40%
Total			100	100%

X. Learning Resources:

- *Written in the following order: Author, Year of publication, Title, Edition, Place of publication, Publisher.*

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

Newman and Carranza`s Clinical Periodontology, Newman MG, Takei HH, Klokkevold PR, Carranza FA, 14th, Edition, 2024

Lindhe`s Clinical Periodontology & _Implant Dentistry 7th_Ed, Jan Lindhe and Niklaus P. Lang, 7th Edition, 2022.

2- Essential References:

Fernando Suarez,,: Periodontics: The Complete Summary CBS; 1st edition (April 6, 2021)

Geoffrey Bateman et al,,:Contemporary Periodontal Surgery: An Illustrated Guide to the Art behind the Science Quintessence Publishing (IL); 1st edition (September 11, 2019)

Serge Dibart ,2020:Practical Advanced Periodontal Surgery 2nd Edition, Wiley-Blackwell

3- Electronic Materials and Web Sites etc.:

Websites:

- 1- <http://free-books.us.to>
- 2- <http://www.sciencedirect.com/science/journal/10792104>
- 3- <http://www.ncbi.nlm.nih.gov/pubmed>
- 4- <http://www.pubmed.com>
- 5-
- 6- Journals:
Journal of Clinical Periodontology
- 7- <https://journals.scholarsportal.info/browse/03036979>
Journal of Periodontology
<https://home.perio.org/pprosso/login.aspx?vi=7&vt=c08dffeffdef360c1215c7068b1286bc0e7d266344c92a14b75c905bbdd558923c9c3023c25d44700058fb96af843d0a4b89ba6ab69c2c3a7306aa926d8317d2ddafc93defdf470d26a25e1730a60cbb&ResetEmail=N>

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



Other policies:

7

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.