

Course Description Form

1. Course Name:	
Orthodontics / 5 th class	
2. Course Code:	
3. Semester / Year:	
Year	
4. Description Preparation Date:	
۱۱/۹/2024	
5. Available Attendance Forms:	
6. Number of Credit Hours (Total) / Number of Units (Total)	
150 hours / 6 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: lecturer Dr. Samer Salim Othman Email: samerortho@ibnsina.edu.iq	
8. Course Objectives	
1- Acquire basic knowledge about orthodontics. 2- Training in diagnosing orthodontic cases. 3- Acquire basic knowledge about the distinctive symptoms of various orthodontic cases. 4- Acquire basic knowledge for treating various orthodontic cases.	
9. Teaching and Learning Strategies	
Strategy	1. Microsoft power point lecture method 2. Discussion method. 3. Report method. 4. The hip shop method. 5. Practical training in educational clinics located in the college.

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
١	1 theory 4 clinical	Orthodontic diagnosis and treatment planning: a- Personal data b- Consent form c- Clinical examination i. General body stature	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٢	1 theory 4 clinical	ii. Face examination in 3 dimensions iii. skeletal examination iv. Soft tissue examination	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٣	1 theory 4 clinical	v. Occlusion	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٤	1 theory 4 clinical	vi. Dentition vii. Temporomandibular joint	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٥	1 theory 4 clinical	d- Diagnostic aids i. Cephalometrics	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٦	1 theory 4 clinical	ii. Orthopantomography iii. Other views	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٧	1 theory	iv. Study models	Orthodontics	Microsoft	Daily,

	4 clinical			power point lecture method, Discussion method., Report method, Practical works	weekly, monthly exam, mid-year and final exam
۸	1 theory 4 clinical	v. Photography vi. 3D imaging	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۹	1 theory 4 clinical	e- Treatment planning	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۱۰	1 theory 4 clinical	f- Treatment of Medically compromised patients	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۱۱	1 theory 4 clinical	g- Orthodontic indices	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۱۲	1 theory 4 clinical	Space analysis, Bolton's ratio	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۱۳	1 theory 4 clinical	Teeth extraction in orthodontics	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۱۴	1 theory 4 clinical	Serial extraction	Orthodontics	Microsoft power point	Daily, weekly,

				lecture method, Discussion method., Report method, Practical works	monthly exam, mid- year and final exam
١٥	1 theory 4 clinical	Vertical and transverse problems: a. Deep bite	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid- year and final exam
١٦	1 theory 4 clinical	b. Open bite	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid- year and final exam
١٧	1 theory 4 clinical	c. Crossbite and scissors bite	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid- year and final exam
١٨	1 theory 4 clinical	Treatment of common local factors: a. supernumerary and hypodontia b. Early loss of deciduous teeth c. Retained teeth, delayed eruption, impaction, ankylosis d. Abnormal eruptive behavior e. Large frenum	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid- year and final exam
١٩	1 theory 4 clinical	f. Bad oral habits	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid- year and final exam
٢٠	1 theory 4 clinical	Treatment of aberrant position of canines	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid- year and final exam

				Practical works	
٢١	1 theory 4 clinical	Treatment of general factors: a. Class I treatment (crowding, spacing, biprotrusion)	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٢٢	1 theory 4 clinical	<i>Continue</i> class I treatment (method of space creation)	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٢٣	1 theory 4 clinical	b. Class II div. 1 treatment	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٢٤	1 theory 4 clinical	c. Class II div. 2 treatment	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٢٥	1 theory 4 clinical	d. Class III treatment	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٢٦	1 theory 4 clinical	Treatment of adults: a- Periodontal problems	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٢٧	1 theory 4 clinical	b- Orthognathic surgery	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam

٢٨	1 theory 4 clinical	Cleft lip and palate	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٢٩	1 theory 4 clinical	<i>Continue</i> cleft lip and palate	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٣٠	1 theory 4 clinical	Digital orthodontics (digital approach in orthodontic diagnosis and treatment)	Orthodontics	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam

11. Course Evaluation

Distributing the score out of 100 according to the followings: 25% first and second semesters. 15% mid year exam, 60% final exam

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	.1- An Introduction to Orthodontics 5th Edition Simon J. Littlewood and Laura Mitchell 2019. 2- Orthodontics: Principles and Practice: Principles and Practice 2nd Edition 2017.
Main references (sources)	.1- An Introduction to Orthodontics 5th Edition Simon J. Littlewood and Laura Mitchell 2019. 2- Orthodontics: Principles and Practice: Principles and Practice 2nd Edition 2017
Recommended books and references (scientific journals, reports...)	<ul style="list-style-type: none"> • American journal of orthodontics and dentofacial orthopedics. • Angles orthodontics. • European journal of orthodontics. • Seminars in orthodontics.. • Journal of clinical orthodontics
Electronic References, Websites	

Academic Program Description Form

University Name: Ibn sina university of medical and pharmaceutical sciences

Faculty/Institute: College of dentistry

Scientific Department: pediatric, orthodontics and preventive dentistry department

Academic or Professional Program Name: Bachelor degree in dental sciences.

Final Certificate Name: Bachelor degree in dental sciences.

Academic System: yearly

Description Preparation Date: 11/9/2024

File Completion Date: 11/9/2024

Signature:

Head of Department Name:

Date:

Signature:

Scientific Associate Name:

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance

Department:

Date:

Signature:

Approval of the Dean