



Syllabus* : Oral and Dental Healthcare (2401081141)
Second Semester 2024 /2025

COURSE INFORMATION	
Course Name: Oral and Dental Healthcare Semester: Second Semester Department: Department of Basic Dental Science Faculty: Faculty of Dentistry	Course Code: 2401081141 Section: Core Curriculum: Doctor of Dental Surgery (DDS)
Day(s) and Time(s): Sunday 4:30 -5:30 PM Tuesday 4:30 -5:30 PM Thursday 4:30 -5:30 PM Classroom: Online	Credit Hours: 3 Prerequisites: None
COURSE DESCRIPTION	
<p>The main goal of this course is to introduce students to the principles of dental health education, prevention and control of oral diseases, promotion of community dental health services. Students will be introduced to the basics of oral and dental anatomy including the function and development of teeth. Students will be learning basics of oral and dental healthcare principles to acquire adequate knowledge. The students will learn about the causes and risk factors of the most common conditions affecting the mouth, teeth and gingivae. In addition, students will learn about the main epidemiological biostatistics data of oral and dental diseases locally and globally and the best preventive methods and treatment options in dentistry. Students will be also introduced to the different specialties in dentistry and learn about the most common dental myths and separate fact from fiction armed with trustworthy information.</p>	
DELIVERY METHODS	
<p>The course will be delivered through a combination of active learning strategies. These will include:</p> <ul style="list-style-type: none"> • PowerPoint lectures and E-learning classroom based discussion • Collaborative learning through small groups acting in an interdisciplinary context. • Relevant films and documentaries • Video lectures • E-learning resources: e-reading assignments and practice quizzes through Model and Microsoft Team 	


FACULTY INFORMATION

Name	Shimaa Ahmed Elsaeed
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Office Hours:	Sunday 4:30 -5:30 PM Tuesday 4:30 -5:30 PM Thursday 4:30 -5:30 PM <i>Please send an e-mail (shimaaa@hu.edu.jo) to meet at any other time.</i>
Lecturers:	Dr. Shimaa Elsaeed shimaaa@hu.edu.jo

REFERENCES AND LEARNING RESOURCES


Margaret J. Jane W. ELSEVIER Review of Dental Hygiene. 2nd edition
Dental atlas (<https://www.dental-atlas.com/>).
Wilkins E.M. Lippincott Clinical Practice of Dental hygienist. 11th edition.
Animated dental websites.

STUDENT LEARNING OUTCOMES MATRIX

JNQF-6	Learning Outcomes	Course Objectives	Course Student Learning Outcomes	Assessment Method
Jordanian National Qualification Framework Description- 6 (JNQF-6)	<p>K1: Specialized knowledge in oral healthcare field.</p> <p>K2: Knowledge of some theoretical concepts and abstract thinking in oral healthcare</p>	<p>Introduce students to the basics of oral and dental anatomy including the function and development of teeth.</p> 	<ol style="list-style-type: none"> Describe the basic anatomy of upper and lower jaws Differentiate between primary and permanent teeth Know the different types and shapes of teeth Describe the main structure of the tooth 	<ul style="list-style-type: none"> Exams Quizzes “On-line” reading assignments homework assignments



	<p>Introduce students to the basics of oral microorganisms and definition and classification of periodontal diseases</p>	<ol style="list-style-type: none"> 1. Identify the types of microorganisms found in the oral cavity. 2. Understand the role of microorganisms in oral health and disease. 3. Understand the etiology and pathogenesis of periodontal diseases. 4. Identify the risk factors and prevention strategies for periodontal diseases. 5. Describe the clinical manifestations and diagnosis of oral cancer and other non-carious diseases. 	<ul style="list-style-type: none"> • Exams • Quizzes • “On-line” reading assignments
	<p>Introduce students to definition and classification of dental caries</p>	<ol style="list-style-type: none"> 1. Understand the etiology of dental caries. 2. Identify the risk factors and prevention strategies for dental caries 3. Describe the clinical manifestations of dental caries 	<ul style="list-style-type: none"> • Exams • Quizzes • “On-line” reading assignments • homework assignments
	<p>Definition and scope of pediatric dentistry</p>	<ol style="list-style-type: none"> 1. Understand the principles of paediatric dentistry. 2. Identify the eruption and shedding date of paediatric. 3. Describe the preventive method options for caries in paediatric patients 4. Identify the unique needs of paediatric patients 	<ul style="list-style-type: none"> • Exams • Quizzes • “On-line” reading assignments • homework assignments
	<p>Introduce students to the importance of oral and dental healthcare in overall health of human body.</p>	<ol style="list-style-type: none"> 1. Understand the bidirectional relationship between general and oral health 2. Understand the consequences of systemic diseases i.e. diabetes mellitus on oral health 	<ul style="list-style-type: none"> • “On-line” reading assignments • Term project

		<p>Definition and importance of oral Hygiene and preventive methods</p>	<ol style="list-style-type: none"> 1. Identify the methods of oral hygiene and plaque control. 2. Describe the role of fluoride in preventive dentistry. 3. Understand the importance of regular brushing and flossing correctly in improving and maintaining good oral and dental health. 4. Discuss the effects of good nutrition on oral health. 	<ul style="list-style-type: none"> •
	<p>Explain the discoloration in oral cavity and malformation</p> 	<ol style="list-style-type: none"> 1. Describe the different between genetic discoloration and staining from food or drinks. 2. Discuss role of the fluoride and drugs in discoloration of teeth. 3. Identify the risk factors and prevention strategies for dental discoloration. 4. Describe the different malformation in oral cavity 	<ol style="list-style-type: none"> 1. Discuss the normal occlusion 2. Identify the malocclusion and bad habit effect on occlusion. 3. Principles of orthodontics, including tooth movement and occlusion 4. 	<ul style="list-style-type: none"> •
	<p>Describe the occlusion and explain the importance of proper occlusion in oral health</p>	<ol style="list-style-type: none"> 1. Discuss the normal occlusion 2. Identify the malocclusion and bad habit effect on occlusion. 3. Principles of orthodontics, including tooth movement and occlusion 4. 	<ol style="list-style-type: none"> 1. Identify of Classification of dental materials. 2. Understand the properties and uses of dental materials 3. Identify the types of dental materials and their applications 	<ul style="list-style-type: none"> •
	<p>Introduce student to dental restorative material include filling materials and prosthetic materials</p>	<ol style="list-style-type: none"> 1. Identify of Classification of dental materials. 2. Understand the properties and uses of dental materials 3. Identify the types of dental materials and their applications 	<ol style="list-style-type: none"> 1. Identify of Classification of dental materials. 2. Understand the properties and uses of dental materials 3. Identify the types of dental materials and their applications 	<ul style="list-style-type: none"> •

		Introduce student to the effect of tobacco on oral health	<ol style="list-style-type: none"> 1. Identify the effect of smoking on oral health. 2. Identify the risk factors of smoking on oral cavity 	•
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ACADEMIC SUPPORT

It is The Hashemite University policy to provide educational opportunities that ensure fair, appropriate and reasonable accommodation to students who have disabilities that may affect their ability to participate in course activities or meet course requirements. Students with disabilities are encouraged to contact their Instructor to ensure that their individual needs are met. The University through its Special Need section will exert all efforts to accommodate for individual's needs.

Special Needs Section: Dr. Shimaa Ahmed Elsaeed

Tel: 3467

Location: C 467

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COURSE REGULATIONS

Participation

Class participation and attendance are important elements of every student's learning experience at The Hashemite University, and the student is expected to attend all classes. A student should not miss more than 15% of the classes during a semester. *Those exceeding this limit of 15% will receive a failing grade regardless of their performance.* It is a student's responsibility to monitor the frequency of their own absences. **Attendance record begins on the first day of class irrespective of the period allotted to drop/add and late registration. It is a student's responsibility to sign-in; failure to do so will result in a non-attendance being recorded.**

In exceptional cases, the student, with the instructor's prior permission, could be exempted from attending a class provided that the number of such occasions does not exceed the limit allowed by the University. The instructor will determine the acceptability of an absence for being absent. A student who misses more than 25% of classes and has a valid excuse for being absent will be allowed to withdraw from the course.

Plagiarism

Plagiarism is considered a serious academic offence and can result in your work losing marks or being failed. HU expects its students to adopt and abide by the highest standards of conduct in their interaction with their professors, peers, and the wider University community. As such, a student is expected not to engage in behaviours that compromise his/her own integrity as well as that of the Hashemite University.

Plagiarism includes the following examples and it applies to all student assignments or submitted work:



- Use of the work, ideas, images or words of someone else without his/her permission or reference to them.
- Use of someone else's wording, name, phrase, sentence, paragraph or essay without using quotation marks.
- Misrepresentation of the sources that were used.

The instructor has the right to fail the coursework or deduct marks where plagiarism is detected

Late or Missed Assignments

In all cases of assessment, students who fails to attend an exam, class project or deliver a presentation on the scheduled date without prior permission, and/or are unable to provide a medical note, will automatically receive a fail grade for this part of the assessment.

- Submitting a term paper on time is a key part of the assessment process. Students who fail to submit their work by the deadline specified will automatically receive a 10% penalty. Assignments handed in more than 24 hours late will receive a further 10% penalty. Each subsequent 24 hours will result in a further 10% penalty.
- In cases where a student misses an assessment on account of a medical reason or with prior permission; in line with University regulations an incomplete grade for the specific assessment will be awarded and an alternative assessment or extension can be arranged.

Student Complaints Policy

Students at The Hashemite University have the right to pursue complaints related to faculty, staff, and other students. The nature of the complaints may be either academic or non-academic. For more information about the policy and processes related to this policy, you may refer to the students' handbook.





Course Calendar and Assessment

Students will be graded through the following means of assessment and their final grade will be calculated from the forms of assessment as listed below with their grade weighting taken into account. The criteria for grading are listed at the end of the syllabus

Assessment	Grade Weighting	Assessment Date
Midterm Exam	50	Week 8 / one hour
Final Exam	50	Week 15-16 / determine by university
Total final grade	100	

Description of Exams

Test questions will predominately come from material presented in the lectures. Midterm exams will be conducted during the regularly scheduled lecture period. Exam will consist of a combination of multiple choice, short answer, match, true and false and/or descriptive questions.

Grades are not negotiable and are awarded according to the following criteria*:

Letter Grade	Description	Grade Points
A+	Excellent	-
A		-
A-		-
B+	Very Good	-
B		-
B-		-
C+	Good	-
C		-
C-		-
D+	Pass	-
D	Pass	-
F	Fail	-
I	Incomplete	-



"Lecture hours and weeks are approximate and may change as needed"

<i>Week</i>	<i>Lecture</i>	<i>Lecturer</i>	<i>Lecture hours</i>
1	Basic Dental Terminology المصطلحات الأساسية لطب الأسنان		3
2	Basic Oral Structures and Types of Teeth التركيب الأساسي للغم وأنواع الأسنان		3
3	Oral and Dental Diseases 1 أمراض الفم والأسنان		3
4	Oral and Dental Diseases 2 أمراض الفم والأسنان		3
5	Dental caries and Prevention تسوس الأسنان والوقاية منه		3
6	Oral Health in Pediatric صحة الفم في طب الأطفال		3
7	Relation between Oral and Systematic Health العلاقة بين صحة الفم والصحة العامة		3
8	Midterm Exam امتحان منتصف الفصل الدراسي		3
9	Oral Hygiene and Prevention النظافة الصحية للفم والوقاية		3
10	Tooth Discoloration and Malformation تغير لون الأسنان		3
11	Role of Occlusion in dental Health دور الاطباق في صحة الأسنان		3
12	Filling materials and instrument in dentistry مواد الأسنان الترميمية		3
13	Tobacco and Oral Health التبغ وصحة الفم		3
14	Oral Health Awareness and Community Program in Jourdan برنامج التوعية بصحة الفم والمجتمع في		3

	الأردن		
15	Revision مراجعة		3
16	Final Exam الامتحان النهائي		

