



Course Specifications

Course Title:	GERIATRIC DENTISTRY
Course Code:	SDS-532
Program:	BACHELOR OF DENTAL SURGERY (BDS)
Department:	SUBSTITUTIVE DENTAL SCIENCE - SDS 532
College:	COLLEGE OF DENTISTRY, AL-ZULFI
Institution:	COLLEGE OF DENTISTRY

Table of Contents

A. Course Identification	3
6. Mode of Instruction (mark all that apply)	3
B. Course Objectives and Learning Outcomes	4
1. Course Description	4
2. Course Main Objective	4
3. Course Learning Outcomes	4
C. Course Content	4
D. Teaching and Assessment	5
1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods.....	5
2. Assessment Tasks for Students	6
E. Student Academic Counseling and Support	6
F. Learning Resources and Facilities	6
1. Learning Resources	6
2. Facilities Required	7
G. Course Quality Evaluation	7
H. Specification Approval Data	8

A. Course Identification

1. Credit hours: 1
2. Course type
a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/>
b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
3. Level/year at which this course is offered: 10/V YEAR II SEMESTER
4. Pre-requisites for this course (if any): 422 MDS, 413 SDS
5. Co-requisites for this course (if any): None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	15	100%
2	Blended	NA	NA
3	E-learning	NA	NA
4	Correspondence	NA	NA
5	Other		NA

7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
Contact Hours		
1	Lecture	15
2	Laboratory/Studio	-
3	Tutorial	-
4	Others (specify)	-
	Total	15
Other Learning Hours*		
1	Study	15
2	Assignments	15
3	Library	15
4	Projects/Research Essays/Theses	-
5	Others (specify)	-
	Total	45

* The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

B. Course Objectives and Learning Outcomes

1. Course Description

This course is designed to expose the students to the biology of aging process and its reflection on the oral health. The management of most common hard and soft tissue changes associated with elderly population discussed. In addition, psychological aspects of aging and anticipated age related systemic changes are covered. Special considerations when providing dental care for elderly are highlighted.

2. Course Main Objective

1. The primary goal is to give an understanding about the biology of the aging process and the age-related changes and their dental implications.
2. To describe the oral health concerns and dental utilization patterns in the elderly population.
3. To know psychological aspects of aging including dementia, depression etc....
4. To understand the medical conditions and related medications and the dental management of such geriatric patients.
5. To know general considerations related to surgery for geriatric patients.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge:	
K2.14	Describe the process of normal aging and age changes, effect of aging on teeth and oral mucosa, psychological theories of aging, impact of aging on integrated organs and system	K2
2	Skills :	
S1.20	Recognize the impact the older population will have on the dental field	S1
S3.22	Identify and plan dental treatment modification for various medical, physical and oral conditions of geriatric patients and correlate the potential drug interactions with drugs used in dental settings	S3
3	Competence:	
C2.26	Demonstrate leadership skills and coordinate with fellow colleagues to submit a group task or assignment	C2

C. Course Content

No	List of Topics	Contact Hours
1	INTRODUCTION	1
2	BIOLOGY OF THE AGING PROCESS	1
3	SOFT & HARD TISSUE CHANGES	1

4	PSYCHOLOGICAL ASPECT OF AGING	1
5	MANAGEMENT OF MEDICALLY COMPROMISED ELDERLY PATIENTS	1
6	MODALITIES OF MANAGEMENT FOR ELDERLY PATIENTS INCLUDING RESTORATIVE, PERIODONTICS, SURGICAL AND ENDODONTICS	1
7	SURGERY FOR GERIATRIC PATIENTS-1	1
8	SURGERY FOR GERIATRIC PATIENTS-2	1
9	PROSTHODONTIC TREATMENT FOR GERIATRIC PATIENTS-1	1
10	PROSTHODONTIC TREATMENT FOR GERIATRIC PATIENTS-2	1
11	NUTRITIONS IN GERIATRIC PATIENTS.	1
12	SALIVARY FUNCTIONS & DISORDERS IN GERIATRIC. PTS	1
13	PREVENTIVE DENTAL CARE FOR GERIATRIC PATIENTS -1	1
14	PREVENTIVE DENTAL CARE FOR GERIATRIC PATIENTS -2	1
15	REVISION AND CLINICAL REVIEW	1
Total		

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge		
K2.14	Describe the process of normal aging and age changes, effect of aging on teeth and oral mucosa, psychological theories of aging, impact of aging on integrated organs and system	Lectures, E-learning, Text books, clinical Discussion, demonstrations	Written examination, Quiz, research
2.0	Skills		
S1.20	Recognize the impact the older population will have on the dental field	Lectures, Clinical training, chair side discussion, PBL sessions in lecture	Written examination, research and Quiz
S3.22	Identify and plan dental treatment modification for various medical, physical and oral conditions of geriatric patients and correlate the potential drug interactions with drugs used in dental settings	Lectures, Clinical training, chair side discussion, PBL sessions in lecture	Written examination, reasearch and Quiz
...			
3.0	Competence		
C2.26	Demonstrate leadership skills and coordinate with fellow colleagues to submit a group task or assignment	Students will be divided into small groups and tasks will	The group task / Assignment will be supervised closely

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
		be assigned to the group	and the work done by each student will be evaluated using rubrics

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Midterm Theory Exam	7 th week	40%
2	Behavior and attitude	During the course	5%
3	Quiz	During the course	5%
4	Seminar/Research	During the course	10%
5	Final Theory Exam	15 th week	40%

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

The student shall avail the consultancy during the displayed office hours

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	<p>Textbook of Geriatric Dentistry Third edition <i>Edited by -</i> Poul Holm-Pedersen published 2015 , wiley-blackwell. © 2015 by John Wiley & Sons Ltd.</p>
Essential References Materials	<ul style="list-style-type: none"> • Journal Of Prosthetic Dentistry • Improving Oral Health for the Elderly: An Interdisciplinary Approach Ira B. Lamster, Mary E. Northridge, J.C. Takamura, Springer,2010. • Geriatric Dentistry: Reviewing for the Present, Preparing for the Future Natalie Kaweckyj, LDARF, CDA, CDPMA, COMSA, COA, CRFDA. www.dentalcare.com/en-US/dental-education/continuing-education <p>b. Saudi digital library. www.google.com,</p>

Electronic Materials	<ul style="list-style-type: none"> • www.google.com • Articles prepared by course director • Video for prosthesis treatment procedures & techniques. • Presentations.
Other Learning Materials	<ul style="list-style-type: none"> • SDL (Saudi Digital Library)..... • Turnitin – Plagiarism soft ware • D2L – Desire to learn in University site

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	✓ Lecture room suitable for 30 students
Technology Resources (AV, data show, Smart Board, software, etc.)	<ul style="list-style-type: none"> ✓ Projector ✓ Internet ✓ Smart board with all the accessories
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Text books - hard copies in library for student's reference and lending.

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment	Students	✓ Course Evaluation Survey Quality of Exam Survey
	Faculty	<ul style="list-style-type: none"> ✓ CLO Mapping with teaching & assessment. ✓ Course Blueprinting ✓ Grade Analysis Psychometric Analysis
	Peers	Grade Verification
Extent of achievement of course learning outcomes	Faculty member / Quality assurance committee	<ul style="list-style-type: none"> ✓ Direct assessment outcome analysis Course report preparation
Quality of learning resources, etc	Students / Faculty	<ul style="list-style-type: none"> ✓ Academic advising survey Student experience survey

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Department Council	
Reference No.		
Date	30/8/1440	