



Course Specifications

Course Title:	General surgery
Course Code:	GSO 411
Program:	BDS
Department:	Dentistry Education Department
College:	College of dentistry in Alzulfi
Institution:	Majmaah University

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A. Course Identification

1. Credit hours: 1 hour
2. Course type
a. University <input type="checkbox"/> College <input checked="" type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/>
b. Required <input type="checkbox"/> Elective <input type="checkbox"/>
3. Level/year at which this course is offered: Fourth year
4. Pre-requisites for this course (if any): NO
5. Co-requisites for this course (if any): NO

6. Mode of Instruction (mark all that apply)

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

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	----
Other Learning Hours*		
1	Study	----
2	Assignments	----
3	Library	----
4	Projects/Research Essays/Theses	----
5	Others (specify)	----
	Total	----

* 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

2. Course Main Objective

This course is designed to widen the students' knowledge in the area of general surgery and familiarize them with common terminologies used by physicians and general surgeons for better communication. The students are exposed to signs and symptoms of common and urgent surgical problems, especially in the head and neck region. Also, students are guided through proper diagnosis and management of surgical diseases in the head and neck. Potential complications of surgery in the head and neck are also discussed.

3. Course Learning Outcomes

CLOs		Aligned PLOs
K	Knowledge:	
K2.10	Recall the basic general surgical principles and pathologies with special emphasis to craniofacial region.	K2
S	Skills :	
S1.17	Critically analyze the clinical features of diseases with general surgical importance and plan for the investigation, diagnosis and the surgical intervention.	S1
S5.6	Evaluate the surgical emergencies to outline their clinical management at the graduate level.	S5
C	Competence:	
C2.20	Demonstrate collaborative teamwork and leadership spirit with responsibility to maintain professional competency.	C2

C. Course Content

No	List of Topics	Contact Hours
1	Unit 1 : Introduction and development of surgery <ul style="list-style-type: none">History & basics of modern surgeryProgress of modern day surgeryDealing with a surgical patient	1
2	Unit 1 : Management of surgical patient <ul style="list-style-type: none">Dealing with a surgical patient (cont.)Management of unfit patientRisk assessment of surgeryCommon prefixes and suffixes used in surgery	1
3	Unit 2 : Wounds I <ul style="list-style-type: none">Definition of woundTypes of woundsClassification of woundsManagement of different types of wounds	1
4	Unit 2 : Wounds II <ul style="list-style-type: none">Wound healing and its phasesAdverse factors for wound healing	1

	<ul style="list-style-type: none"> • Examination and treatment of Wounds • Management of facial wounds • Complications of wound healing 	
5	Unit 3 : Infection I <ul style="list-style-type: none"> • Definition of infection • Risk factors of infection • Pathophysiology of infections • Nosocomial infections • Boil (Furuncle) • Abscess 	2
6	Unit 3 : Infection II <ul style="list-style-type: none"> • Antibiooma • Management of Carbuncle • Management of Cellulitis • Management of Cellulitis in specific sites • Management of Cancrum oris 	1
7	Unit 4 : Sinus and Fistula <ul style="list-style-type: none"> • Definition and types of Sinus / Fistula • Causes of non-healing sinus / fistula • Examination of Sinus / Fistula • Investigations for Sinus / Fistula • Treatment of sinus/fistula 	1
	Unit 5 : Ulcer I <ul style="list-style-type: none"> • Definition of ulcer • Classification of ulcers • Common sites of ulcers • Stages of ulcer • Diagnosis of ulcer 	1
Total		15

D. Teaching and Assessment

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

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
K.0	Knowledge		
K2.10	Recall the basic general surgical principles and surgical pathologies with special emphasis to craniofacial region.	<ol style="list-style-type: none"> 1. Lectures 2. Discussion 3. Audiovisual sessions 	<ol style="list-style-type: none"> 1. assessment questions at the end of lecture 2.MCQs exams. 3. Short assay exams. 4. Quizzes
S.0	Skills		
S1.17	Critically analyze the clinical features of diseases with general surgical importance and	<ol style="list-style-type: none"> 1. Lectures 2. Discussion 3. Audiovisual 	<ol style="list-style-type: none"> 1. assessment questions at the end of lecture 2.MCQs exams.

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	plan for the investigation, diagnosis and the surgical intervention.	sessions	3. Short assay exams. 4. Quizzes
S5.6	Evaluate the surgical emergencies to outline their clinical management at the graduate level.	1. Lectures 2. Discussion 3. Audiovisual sessions	1. assessment questions at the end of lecture 2.MCQs exams. 3. Short assay exams. 4. Quizzes
C.0	Competence		
C2.20	Demonstrate collaborative teamwork and leadership spirit with responsibility to maintain professional competency.	1. Lecture 2. Group activity	The group task / Assignment will be supervised closely each student will be evaluated using rubrics. DOP using rubrics

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Theoretical midterm exam	7 th	40%
2	Quiz & homework	4 th & 8 th	5%
3	Research	11 th	5%
4	Oral presentation	13 th	5%
5	Behavior and attitude	Through semester	5%
6	Final theoretical exam	15 th	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 :

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Essentials of General Surgery, Peter F. Lawrence, Richard M. Bell, Merril T. Dayton and James C. Hebert, Lippincott Williams & Wilkins, 2012.
Essential References Materials	<ul style="list-style-type: none"> • Illustrated anatomy of the head and neck. Margaret J. Fehrenbach, Susan W. herring. Saunders Elsevier 2007. • Textbook of Surgery for Dental Students, Sanjay Marwah, Pt Bhagwat Dayal Sharma Postgraduate Institute of Medical Sciences Rohtak, Haryana, India

Electronic Materials	<ul style="list-style-type: none"> • Video for anatomy of various body organs • Presentations • General surgery journals
Other Learning Materials	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Class room must be suitable for the number of students
Technology Resources (AV, data show, Smart Board, software, etc.)	<ul style="list-style-type: none"> • Smart boards • Laptops & data show equipments.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Anatomical models

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment	Students	<ul style="list-style-type: none"> ✓ 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	26/1/1441 H