



Course Specifications

Course Title:	Gastrointestinal Block
Course Code:	GIT113
Program:	Bachelor of Medicine, Bachelor of Surgery (MBBS)
Department:	NA
College:	College of Medicine
Institution:	Alfaisal University

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A. Course Identification

1. Credit hours:	3 (2+0+2)
2. Course type	
a.	University <input type="checkbox"/> College <input checked="" type="checkbox"/> Department <input 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:	Sem 1, Year 1
4. Pre-requisites for this course (if any):	None
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	40	50%
2	TBLs, Labs	40	50%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	40
2	Laboratory/Studio	40
3	Tutorial	
	Total	80

B. Course Objectives and Learning Outcomes

1. Course Description

The Gastrointestinal Tract (GIT) Block is designed to help students acquire basic knowledge of the morphologic and histological features and specific physiologic functions of the various organs comprising the GIT. In addition, a short introduction to basic gastrointestinal pathophysiology will be presented.

2. Course Main Objective

GIT 113 is an integrated course focused on the gastrointestinal tract (GIT) involving primarily the anatomical and physiological sciences. At the end of this course students are expected to relate the structure of the GIT with functional processes like salivation, mastication, swallowing, intestinal motility, digestion & absorption, and defecation and relate the structure and function of the GIT with common clinical problems / diseases.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge and Understanding	
1.1	Gross anatomy of the oral cavity, esophagus, stomach, large intestines, small intestines, liver, pancreas and biliary apparatus.	PLO1,3,5
1.2	Histology of oral cavity, esophagus, stomach, large intestines, small intestines, liver, pancreas, biliary apparatus with clinical applications	PLO1
1.3	Development of foregut, midgut and hindgut with relevant clinical embryology	PLO3
1.4	Physiology of gastric processing of food and mucosal defense, assimilation of nutrients, and elimination of waste.	PLO1,3,5,23
2	Skills :	
2.1	Identify the different GIT structures on cadaveric dissections, prosections and 3D plastic models.	PLO1,3,5
2.2	Use the microscope to differentiate between normal and abnormal histological features of GIT tissues.	PLO23
3	Values:	
3.1	Adhere to the attendance policy.	
3.2	Maintain professional conduct with colleagues, faculty and staff.	

C. Course Content

No	List of Topics	Contact Hours
1	Basic concepts and ingestion of food	7
2	Gastric processing of food & defense against acid/pepsin	11
3	Assimilation of nutrients	10
4	Elimination of waste & gastrointestinal disorders	12
5	TBL, Labs	40
Total		80

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 and Understanding		
1.1	Gross anatomy of the oral cavity, esophagus, stomach, large intestines, small intestines, liver, pancreas and biliary apparatus.	Lectures, Labs, TBLs	Formative and summative assessments
1.2	Histology of oral cavity, esophagus, stomach, large intestines, small intestines, liver, pancreas, biliary apparatus with clinical applications	Lectures, Labs, TBLs	Formative and summative assessments
1.3	Development of foregut, midgut and hindgut with relevant clinical embryology	Lectures, Labs, TBLs	Formative and summative assessments

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.4	Physiology of gastric processing of food and mucosal defense, assimilation of nutrients, and elimination of waste.	Lectures, Labs, TBLs	Formative and summative assessments
2.0	Skills		
2.1	Identify the different GIT structures on cadaveric dissections, prosections and 3D plastic models.	Labs	Summative assessment
2.2	Use the microscope to differentiate between normal and abnormal histological features of GIT tissues.	Labs	Summative assessment
3.0	Values		
3.1	Adhere to the attendance policy.		Continuous assessment
3.2	Maintain professional conduct with colleagues, faculty and staff.		Continuous assessment

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	TBL	2,3,4	5
2	Final Exam	5	95

*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 CoM program established its own mentorship program that employs all full-time faculty as mentors. Through this program, every medical student in the program is assigned a mentor at the beginning of their first semester of studies. The program has a broad scope covering academic advising and counseling. The mentors handle all aspects related to academic advising, including academic planning, academic performance review, and advice on course drop or withdrawal, study skills, and time management.

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	<ol style="list-style-type: none"> 1. Clinically oriented Anatomy by Keith L. Moore, 6th edition. 2. Histology by Ross and Pawlina, Sixth Edition, Lippincott Williams and Wilkins, 2011. 3. Langman's Medical Embryology, T. W. Sadler, Twelfth Edition, Published by Lippincott Williams and Wilkins, 2011. 4. Textbook of Medical Physiology, Guyton & Hall, Twelfth Edition, Published by Saunders Elsevier, 2011.
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Essential References Materials	Human anatomy-videos (Ackland's DVD atlas)
Electronic Materials	PowerPoint presentations uploaded on Alfaisal eLearning portal
Other Learning Materials	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classrooms, Dissection Facilities, Examination Facilities
Technology Resources (AV, data show, Smart Board, software, etc.)	AV (Audio-Visual), Smartboard, Moodle (E-learning Management), Anatomage
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Microscopes Plastinated models Prosections

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Course and Faculty Evaluation Survey	Students	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	
Reference No.	
Date	