

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	General Surgery (1)
Course number	MEDI4501
Faculty	
Department	
Course type	College Needs
Course level	4
Credit hours (theoretical)	5
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - The course is offered to 4th year medical students
2 - A comprehensive program is offered that includes instruction in the physiological basis of surgical care
3 - Introduction to basic principles of surgical practice
4 - Introduce students to the Aetiology , pathogenesis and diagnosis of surgical problems

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none">* Enable the student to make differential diagnosis and participate in decision making* Be Familiar with basic principles of surgery* Gain the practical experience in the application of basic surgical skills
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Course Contents

- 1 - Pre op assessment
- 2 - Post op care
- 3 - Fluid and electrolyte balance
- 4 - Wound healing
- 5 - Metabolic response to trauma
- 6 - Acid base balance
- 7 - Homeostasis
- 8 - Surgical infections
- 9 - Hemostasis , sutures & drains
- 10 - Shock
- 11 - Burns
- 12 - Abscess, sinuses & fistula
- 13 - Acute appendicitis
- 14 - Ca metabolism
- 15 - Blood transfusion
- 16 - Head injury
- 17 - Nutrition in surgical patient
- 18 - Thyroid disorders
- 19 - Breast disorders
- 20 - Esophageal diseases
- 21 - Surgery of the spleen
- 22 - Disorders of the pancreas
- 23 - Intestinal obstruction
- 24 - Divericular disease
- 25 - Colon cancer & polyps
- 26 - Inflammatory bowel diseases
- 27 - Pre operative assessment

Teaching and Learning Methods

- 1 - Attendance and scrubbing in the operating rooms
- 2 - Active participation in the care of inpatients and outpatients
- 3 - Seminars
- 4 - Bed side teaching
- 5 - Formal lectures
- 6 - Active particepation in local conferences

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Written exam	End of second semester	50
OSCE	End of second semester	40
Attendance and participation	End of course	10

Books and References

Course note	lectures notes
Recommended books	Bailey and love short practice of surgery

Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
		As above	As above	As above	As above