

## 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"> <li>* Enable the student to make differential diagnosis and participate in decision making</li> <li>* Be Familiar with basic principles of surgery</li> <li>* Gain the practical experience in the application of basic surgical skills</li> </ul>
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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

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**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