



## Course Specifications

<b>Course Title:</b>	Surgery II
<b>Course Code:</b>	SURG-6 611
<b>Program:</b>	Bachelor of Medicine and Bachelor of Surgery (MBBS)
<b>Department:</b>	N/A
<b>College:</b>	Medicine
<b>Institution:</b>	Najran University

## A. Course Identification

<b>1. Credit hours:</b> 6 (2+4)
<b>2. Course type</b> a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input type="checkbox"/> Others (Program) <input checked="" type="checkbox"/> b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
<b>3. Level/year at which this course is offered:</b> Year 6 – Semester 1 (level 16)
<b>4. Pre-requisites for this course (if any):</b> Surgery 1
<b>5. Co-requisites for this course (if any):</b> None

### 6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom		
2	Blended		
3	E- Learning • Lectures (17) • Seminars (26)	43	20%
4	Distance learning	0	0
5	Other : • Bed Side Teaching (BST) • Field Work Visit (FWV) or Site visit : (Outpatient clinic (OPD), Operating room(OR) & emergency department (ED) duties ) (150) • Skill lab (30)	180	80%

### 7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	17
2	Seminar	26
3	Skill lab	30
4	Bed side teaching (BST)	150
5	Outpatient clinic OPD	
6	Operating room OR	
7	Emergency department ED duties	
	<b>Total</b>	<b>223</b>

## B. Course Objectives and Learning Outcomes

### 1. Course Description

- This course is delivered to the medical students at the level 16 /6th year
- Surgery II course is a continuation of surgery I modules and intended to provide the undergraduate medical student who finished his surgery I with the appropriate knowledge of the common surgical diseases in the different specialties of surgery.
- The course will address the common surgical diseases in general surgery, vascular, plastic, urology, pediatric surgery, cardiothoracic surgery, transplant, neurosurgery, endocrine and modern surgical techniques and others.
- The main aim is to apply the problem solving approach using the basic knowledge and clinical skills for the diagnosis and management, of different surgical diseases.
- Through this course, students will gain the clinical skills and the basic scientific knowledge in different specialties of surgery that will help them to discuss, interpret and use their basic sciences clinical and interpersonal skills to solve patient's problem in surgical practice.
- The student will be able to understand the value of informed consent in surgical practice and be able to discuss with the patient or his relatives the proposed outcome of surgical intervention

### 2. Course Main Objective

**By the end of this course, the students are expected to:**

- Maximize Patient-centered model of surgical care, Understanding, (The patient is the center of the medical universe around which all our works revolve and towards which all our efforts trend).
- Develop comprehensive surgical, care at the level in undergraduate.
- Make up surgical care to all patients of the community irrespective of age, sex, culture and socio-economic background
- Elaborate clinical ability to take personal responsibility for rendering comprehensive and continuing care of his patients in emergency and elective settings
- Estimate the value of the team work and interdisciplinary teams in management of the patients.

## C. Course Content

No	List of Topics	Contact Hours
1	Thyroid cancer	1
2	Principles of surgical organ transplantation	1
3	Malignant breast diseases	1
4	Portal hypertension	1
5	Cleft lip/palate	1
6	Parathyroid nodules	1
7	The Surgeons Role in Unconventional Civilian Disasters	1
8	Esophageal cancer	1
9	Esophageal atresia	1
10	Malignant anorectal diseases	1
11	Urinary tract trauma	1
12	Robotic & nature orifice surgery	1

13	Benign & Malignant prostatic diseases	1
14	Stomach cancer	1
15	Management of Morbid Obesity / Metabolic and Bariatric Surgery complication & follow-up	1
16	Renal tumors	1
17	Wound closure	1
18	Testicular tumor	2
19	Multiple endocrine Neoplasia	2
20	Neural tube defects	2
21	Inflammatory bowel disease & Diverticulosis	2
22	Surgical management to colon cancer and stomas	2
23	Soft tissue sarcomas	2
24	Surgical management of gall bladder diseases And complications	2
25	Benign & malignant pancreatic mass	2
26	Surgical management of Diabetic septic foot	2
27	Bladder outlet obstruction	2
28	Scrotal condition (UDT ,Cong. hernia& hydrocele Abdominal mass in pediatrics)	2
29	U. bladder tumors	2
30	Pain management	2
31	Bed Side Teaching (BST) +OPD	150
32	Skill lab	30
<b>Total</b>		<b>223</b>

#### D.

### Teaching and Assessment

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

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## 2. Assessment Tasks for Students

#	Assessment task*		Week Due	Percentage of Total Assessment Score
1	Mid-term MCQs (45 MCQs)	Continuous assessment 40	In the beginning of the 3 <sup>rd</sup> week	15%
2	Seminars		1 <sup>st</sup> – 5 <sup>th</sup> (through the 5 weeks of the course)	5%
4	Midterm OSPE (15 stations)		In the beginning of the 3 <sup>rd</sup> week	15%
5	Log book		1 <sup>st</sup> – 5 <sup>th</sup> (through the 5 weeks of the course)	5%
6	Final clinical	Final 60	At the end of the 6 <sup>th</sup> week	20%
7	Final OSPE			20%
8	Final MCQs			20%

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

## E. Learning Resources and Facilities

### 1. Learning Resources

<b>Required Textbooks</b>	<ol style="list-style-type: none"> <li>1. Bailey &amp; Love's short practice of surgery 27<sup>th</sup> edition R.C.G. Russell, Norman Williams and Christopher J.K. Bulstrode (March 21, 2018)</li> <li>2. Symptoms and signs of surgical diseases Norman brow's Norman L. Browne (Author), John Black (Author), Kevin G. Burnand (1 January 2010)</li> <li>3. Current diagnosis and treatment surgery 14<sup>th</sup> edition By: Gerard Doherty McGraw Hill Education Books USA 2015</li> <li>4. Oxford handbook of clinical surgery 4<sup>th</sup> edition by Greg McLatchie, Neil Borley, and Joanna Chikwe. 2013 Journal of general Surgery UK-USA</li> <li>5. Clinical surgery A. Cuschieri, P.A. Grace (Alfred Cuschieri , George Hanna) 5<sup>th</sup> edition 2013</li> </ol>
<b>Essential References Materials</b>	<ol style="list-style-type: none"> <li>1. Essential surgical practice: Higher surgical training in general surgery, 5<sup>th</sup> edition. Alfred Cuschieri, George Hanna. January 20, 2015 by CRC Press. Reference- 1076 pages. ISBN 9781444137606-cat# K 17645</li> <li>2. Saudi medical journal</li> </ol>
<b>Electronic Materials</b>	<ol style="list-style-type: none"> <li>1. Teaching videos demonstrations of different physical examinations</li> <li>2. Medscape <a href="https://www.medscape.com/general_surgery">https://www.medscape.com/general_surgery</a></li> <li>3. SDL(Saudi Digital Library) <a href="http://www.sdl.edu.sa">www.sdl.edu.sa</a></li> <li>4. Blackboard.</li> <li>5. 4. WWW.Pubmed.com</li> </ol>
<b>Other Learning Materials</b>	<ul style="list-style-type: none"> <li>• Computer-based programs/CD, professional standards or regulations and software.</li> <li>• Videos of clinical examination demonstration</li> </ul>

### 2. Facilities Required

Item	Resources
<p align="center"><b>Accommodation</b></p> <p>(Classrooms, laboratories, demonstration rooms/labs, etc.)</p>	<ol style="list-style-type: none"> <li>1. Lecture room suitable for students</li> <li>2. Skills lab suitable for students.</li> <li>3. Teaching hospital for bedside teaching</li> </ol>
<p align="center"><b>Technology Resources</b></p> <p>(AV, data show, Smart Board, software, etc.)</p>	<ol style="list-style-type: none"> <li>1. Computer and data show in the lecture room.</li> <li>2. Internet connection</li> <li>3. Blackboard</li> <li>4. Zoom application</li> </ol>
<p align="center"><b>Other Resources</b></p> <p>(Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)</p>	<ol style="list-style-type: none"> <li>1. Skill lab, prepared with different mannequins suitable for performing different surgical procedures, e.g.: <ul style="list-style-type: none"> <li>• Mannequin simulator for breast examination</li> <li>• Mannequin simulator for ulcer examination</li> <li>• Manikin simulator for rectal examination(DRE) examination</li> <li>• Teaching hospital for bedside teaching</li> </ul> </li> <li>2. Library supplied with reference text books, electronic resources.</li> <li>3. Video tapes in the skill lab (CD) of clinical examination.</li> </ol>

**Assessment Methods** (Direct, Indirect)

## F. Specification Approval Data

<b>Council / Committee</b>	<b>Surgery department Council</b>
<b>Reference No.</b>	Surgery department meeting 21
<b>Date</b>	15/06/2022