

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Orthopedics
Course number	MEDI5471
Faculty	
Department	
Course type	College Needs
Course level	5
Credit hours (theoretical)	4
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

- 1 - This course provides an introduction to selected basic and intermediate surgical specialties that students are exposed to the first clinical rotation. Emphasis is placed on related surgical anatomy, pathology, and procedures that enhance theoretical knowledge of patient care, instrumentation, supplies, and equipment. Upon completion, the student should be able to correlate, integrate, and apply theoretical knowledge of the course topics to the clinical operative environme

## Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> <li>* identify the types of surgical procedures performed by general/gastrointestinal surgeons and the anatomic structures involved</li> <li>* Understand the basic pathology relating to the need for general/gastrointestinal surgical intervention. The student will be able to identify and describe the type of instruments, equipment, sutures, and supplies that are considered the armamentarium of the general/gastrointestinal surgeon</li> <li>* identify the types of surgical procedures performed by obstetrical/gynecological surgeons and the anatomic structures involved</li> <li>* Understand the basic pathology relating to the need for obstetrical/gynecological intervention. The student will be able to identify and describe the type of instruments, equipment, sutures, and supplies that are the armamentarium of the obstetrical/gynecological surgeon</li> <li>* identify the types of surgical procedures performed by urological surgeons and the anatomic structures involved</li> </ul>
Professional Skills	<ul style="list-style-type: none"> <li>* Understand the basic pathology relating to the need for urological surgical intervention. The student will be able to identify and describe the types of instruments, equipment, sutures, and supplies that are the armamentarium of the urological surgeon</li> <li>* Identify the types of surgery performed by otorhinolaryngological surgeons and the anatomic structures involved</li> <li>* Understand the basic pathology relating to the need for otorhinolaryngological surgical intervention. The student will be able to identify and describe the instruments, equipment, sutures, and supplies that are the armamentarium of the otorhinolaryngological surgeon</li> <li>* identify the types of surgical procedures that are performed by orthopaedic surgeons and the anatomic structures involved</li> <li>* Understand the basic pathology relating to the need for orthopaedic surgical intervention. The student will be able to identify and describe the instruments, equipment, sutures, and supplies that are the armamentarium of the orthopaedic surgeon</li> <li>* Demonstrate familiarity with basic endoscopic and/or minimal invasive supplies and procedures performed by general/gastrointestinal, obstetrical/gynecological, urological, otorhinolaryngological/head/neck and orthopaedics surgeons</li> </ul>

## Course Contents

<ol style="list-style-type: none"> <li>1 - Endoscopy/laparoscopy in today's or environment</li> <li>2 - Congenital anomalies</li> <li>3 - Cosmetic surgeries</li> <li>4 - Grafting procedures</li> <li>5 - Flap procedures</li> </ol>
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## Students Assessment

Assessment Method	TIME	MARKS
Final Exam (written exam)		50%
Professional behavior • Participation & discussion • Written assignment & Seminar presentation • Quizzes \ Open book exam (NCLEX)		50 %

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## Books and References

Course note	Wheeless Textbook of Orthopaedics
	Oxford Textbook of Orthopedics and Trauma