

# IIUM BASIC ORTHOPAEDIC BIOMECHANICS COURSE 2021

TIME	TOPIC	SPEAKER
0800H - 0810H	INTRODUCTION	PROF. DR. AMINUDIN CHE AHMAD
<b>MODULE 1: JOINT BIOMECHANICS</b>		
0810H - 0830H	1.1 SHOULDER & ELBOW	ASST. PROF. DR. KHAIRUL NIZAM SIRON @ BAHAROM
0830H - 0850H	1.2 HAND & WRIST	ASST. PROF. DR. RAFFAEL ISMAIL
0850H - 0910H	1.3 SPINE	ASST. PROF. DR. RAJANDRA KUMAR A/L KARUPIAH
0910H - 0930H	1.4 HIP	ASST. PROF. DR. MUHAMMAD HAIDAR NASURUDDIN
0930H - 0950H	1.5 KNEE	DR. KHAIRUL MOHD KHALID
0950H - 1010H	1.6 FOOT & ANKLE	ASST. PROF. DR. MOHD ADHAM SHAH AYEOP
1010H - 1025H	<i>BREAK</i>	
<b>MODULE 2: BONE, TENDON &amp; MUSCLE</b>		
1025H - 1045H	2.1 BONE BIOLOGY, HEALING & BIOMECHANICS	ASSOC. PROF. DR. AHMAD FADZLI SULONG
1105H - 1125H	2.2 TENDON & MUSCLE BIOLOGY, HEALING & BIOMECHANICS	ASST. PROF. DR. ARDILLA HANIM ABD RAZAK
<b>MODULE 3: BIOMATERIALS</b>		
1125H - 1145H	3.1 BIOMATERIALS	ASSOC. PROF. DR. KAMARUL ARIFFIN KHALID
<b>MODULE 4: IMPLANTS</b>		
1145H - 1205H	4.1 SCREWS & PLATES MECHANICS AND FUNCTIONS	ASSOC. PROF. DR. MOHD SHUKRIMI AWANG
1205H - 1225H	4.2 ANGLE STABILITY	DR. MUHAMMAD SYAFIZ AHMAD ISMANI
1225H - 1300H	<i>QUIZ 1</i>	
1300H - 1400H	<i>LUNCH BREAK &amp; ZUHUR PRAYER</i>	
1400H - 1420H	4.3 HIP FIXATION	DR. MUHAMAD WAFIYUDDIN AHMAD
1420H - 1440H	4.4 INTRA-MEDULLARY NAILING	ASST. PROF. DR. NIK ALYANI NIK ABD ADEL
1440H - 1500H	4.5 TENSION BAND PRINCIPLE	ASST. PROF. DR. LOH LI LOONG
1500H - 1520H	4.6 EXTERNAL FIXATOR	PROF. DR. NAZRI MOHD YUSOF
1520H - 1600H	<i>QUIZ 2</i>	
1600H	<i>CLOSING</i>	