



MD 1 SYLLABUS
LECTURE & ASSIGNMENT SCHEDULE
FALL 2023 SESSION – MD SEMESTER 1

Date	Topics
<i>Oct 11th, 2023</i>	<i>Classes begin</i>
<i>Oct 12th, 2023</i>	Fundamental Concepts Normal Human Structure and Function - Basic Biological Principles
<i>Oct 13th, 2023</i>	Normal Human Structure and Function – Introduction to Cardiovascular System
<i>Oct 16th, 2023</i>	Normal Human Structure and Function – Introduction to Gastrointestinal System
<i>Oct 17th, 2023</i>	Normal Human Structure and Function – Introduction to Endocrine System
<i>Oct 18rd, 2023</i>	Quiz Normal Human Structure and Function – Introduction to Reproductive System
<i>Oct 19th, 2023</i>	Normal Human Structure and Function – Introduction to Urogenital System
<i>Oct 20th, 2023</i>	Normal Human Structure and Function – Introduction to Renal System
<i>Oct 23rd, 2023</i>	Normal Human Structure and Function – Introduction to Pulmonary System and Acid - Base
<i>Oct 24th, 2023</i>	Normal Human Structure and Function – Introduction to Special Senses & Integumentary System
<i>Oct 25th, 2023</i>	Quiz Mind and Brain – Introduction to Neuroscience
<i>Oct 26th, 2023</i>	Mind and Brain – Introduction to Neuroanatomy
<i>Oct 27th, 2023</i>	Mind and Brain – Introduction to Behavioral Science
<i>Oct 30th, 2023</i>	Mind and Brain – Introduction to Ethics
<i>Oct 31st, 2023</i>	Mind and Brain – Introduction to Head & Neck Anatomy
<i>Nov 1st, 2023</i>	Quiz Molecular Basis of Medicine – Introduction to Biochemistry
<i>Nov 2nd, 2023</i>	Molecular Basis of Medicine – Introduction to Molecular Biology
<i>Nov 3rd, 2023</i>	Molecular Basis of Medicine – Introduction to Medical Genetics
<i>Nov 6th, 2023</i>	Molecular Basis of Medicine – Introduction to Cancer
<i>Nov 7th, 2023</i>	Quiz Introduction to Epidemiology & Biostatistics
<i>Nov 8th, 2023</i>	Introduction to Patient Centered Clinical Education – Physician Patient Communication
<i>Nov 9th, 2023</i>	Introduction to Patient Centered Clinical Education – Medical Interviewing
<i>Nov 10th, 2023</i>	Review session
<i>Nov 13th, 2023 – Nov 15th, 2023</i>	<i>First Monthly Exam</i>
<i>Nov 16th, 2023</i>	Introduction to Patient Centered Clinical Education – Physical Diagnosis
<i>Nov 17th, 2023</i>	Introduction to Patient Centered Clinical Education – Health Promotion
<i>Nov 20th, 2023</i>	Introduction to Patient Centered Clinical Education – Patient Care and Professionalism
<i>Nov 21st, 2023</i>	Introduction to Patient Centered Clinical Education – Interpersonal and Communication Skills



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<i>Nov 22nd, 2023</i>	Quiz
<i>Nov 23rd, 2023</i>	Review session
<i>Nov 24th, 2023</i>	Review session
<i>Nov 27th, 2023</i>	Musculoskeletal System The purpose of teaching musculoskeletal anatomy, definitions and terms
<i>Nov 28th, 2023</i>	The topics of anatomy base information about muscle and The topics of anatomy base information about muscle osteology of upper limb bones including clavicle, scapula and Humerus.
<i>Nov 29th, 2023</i>	Forearm bones (radius and ulna), wrist, hands and fingers. Axillary cavity (position, walls, muscle specifications) The contents of the axillary cavity (arterial and vesicle axillary lymphatic complexes)
<i>Nov 30th, 2023</i>	(Quiz) Continue the contents of the cavity (brachial network) - scapular muscles (deltoid, trapezius, rotator cuff) triangular and quadrangular spaces
<i>Dec 1st, 2023</i>	Arm area (vessels and superficial nerves), anterior and posterior department muscles (muscle characteristics)
<i>Dec 4th, 2023</i>	Arm vessels (artery and vein brachial), Arm nerves (musculocutaneous, median, ulnar, radial)
<i>Dec 5th, 2023</i>	The anterior forearm compartment muscles (surface and deep muscle) of the forearm region
<i>Dec 6th, 2023</i>	Nerves of the forearm (Medina, Ulnar and Radial)
<i>Dec 7th, 2023</i>	(Quiz) The posterior compartment muscles of the forearm (surface and superficial muscle characteristics),
<i>Dec 8th, 2023</i>	radial and ulnar arteries, wrist retinaculum (flexor and extensor retinaculum) and their content
<i>Dec 11th, 2023</i>	The importance of its hand and performance in everyday life, hand creases.
<i>Dec 12th, 2023</i>	Hand muscle muscles: hypothenar, thenar, lumbrical muscles and their bones and their characteristics, hand vessels (surface archs and deep), hands nerves
<i>Dec 14th, 2023</i>	General look at lower limb skeletons - pelvic girdle (hip bone) - femur
<i>Dec 15th, 2023</i>	Review
<i>Dec 18th, 2023 – Dec 20th, 2023</i>	Second Monthly Exam
<i>Dec 21st, 2023</i>	Legal bones (Tibia and fibula), general look at foot bones (Talus, calcaneus, etc.)
<i>Dec 22nd, 2023</i>	The gluteal region (surface muscle characteristics) arteries and nerves (sacral network) of gluteal area,
<i>Dec 26th, 2023</i>	fascia lata and tensor fascia lata muscles, superficial and deep fascia of the femur
<i>Dec 27th, 2023</i>	(Quiz), anterior, posterior and medial compartment of femur (muscles, vessels and nerves)
<i>Dec 28th, 2023</i>	anterior, posterior and medial compartment of femur (muscles, vessels and nerves)



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<i>Jan 3rd, 2024</i>	Anatomical spaces of the anterior and medial region (femoral triangle, adductor canal) and their contents
<i>Jan 4th, 2024</i>	Anatomical spaces of the anterior and medial region (femoral triangle, adductor canal) and their contents
<i>Jan 5th, 2024</i>	Superficial and deep fascia, anterior, posterior and lateral compartment of leg (muscle characteristics),
<i>Jan 8th, 2024</i>	popliteal cavity, and its contents, vessels and nerves of the calf region of lower leg.
<i>Jan 9th, 2024</i>	(Fourth Quiz) - Ankle retinaculum (executor, flexor and proneal) and their contents.
<i>Jan 10th, 2024</i>	Ankle retinaculum (executor, flexor and proneal) and their contents.
<i>Jan 11th, 2024</i>	The characteristics of the dorsal and plantar muscles (first to fourth layers), vessels and nerves of the foot.
<i>Jan 12th, 2024</i>	Limbs growth and development.
<i>Jan 15th, 2024</i>	Muscular system of limbs, vertebral column and sternum development.
<i>Jan 16th, 2024</i>	Review
<i>Jan 17th – 19th, 2024</i>	Final Exams
<i>Jan 22nd – 31st, 2024</i>	<i>Semester Break</i>

