

## الخطة الدراسية

خطه المحاضرات النظرية لماده دراسة الحركة  
العام الدراسي ٢٠٢٢-٢٠٢٣  
الفصل الدراسي الثاني  
أ.د/ انيس صالح غيط .

Serial No.	Topic	No, of hours/ week		
		Theoretical	Lab	Total
1 <sup>st</sup>	Movement terminology & biomechanical principles	1	1	2
2 <sup>nd</sup>	Plane and axis	1	1	2
3 <sup>rd</sup>	Joints and their classifications	1	1	2
4 <sup>th</sup>	Basics of kinetic / Force	1	1	2
5 <sup>th</sup>	Center Of Gravity	1	1	2
6 <sup>th</sup>	Balance, Equilibrium, and stability	1	1	2
7 <sup>th</sup>	Force System	1	1	2
8 <sup>th</sup>	LEVERS	1	1	2
9 <sup>th</sup>	PULLEY	1	1	2
10 <sup>th</sup>	MOTION	1	1	2
11 <sup>th</sup>	NEWTON'S LAWS	1	1	2
12 <sup>th</sup>	Application Of Newton's Laws	1	1	2

N.B : Midterm exam will be on **8<sup>th</sup> week** .

خطه المحاضرات النظرية لماده ميكانيكا حيوية ٢ الفرقة الثانية  
 العام الدراسي ٢٠٢٢-٢٠٢٣  
 الفصل الدراسي الثاني  
 أ.د/ انيس صالح غيط .

Serial No.	Topic	No, of hours/ week		
		Theoretical	Lab	Total
1 <sup>st</sup>	Introduction to gait	2	1	3
2 <sup>nd</sup>	Kinematic analysis of gait	2	1	3
3 <sup>rd</sup>	Measurement of joint angles	2	1	3
4 <sup>th</sup>	Displacement of COG and determinants of gait	2	1	3
5 <sup>th</sup>	Kinetic analysis of gait	2	1	3
6 <sup>th</sup>	Internal forces	2	1	3
7 <sup>th</sup>	Muscular activity during gait	2	1	3
8 <sup>th</sup>	Pathological gait	2	1	3
9 <sup>th</sup>	Correction of gait	2	1	3
10 <sup>th</sup>	Gait deviations	2	1	3
11 <sup>th</sup>	Foot Kinesiology in gait	2	1	3
12 <sup>th</sup>	Gait analysis and laboratory method	2	1	3

**N.B : Midterm exam will be on 8<sup>th</sup> week .**

خطه المحاضرات النظرية لماده التحليل الحركي في الصناعة الفرقة الثالثة  
العام الدراسي ٢٠٢٢-٢٠٢٣  
الفصل الدراسي الاول  
أ.د/ انيس صالح غيط .

Serial No.	Topic	No, of hours/ week		
		Theoretical		Total
1 <sup>st</sup>	Introduction to Ergonomics	2		2
2 <sup>nd</sup>	Work related musculoskeletal disorders	2		2
3 <sup>rd</sup>	Common occupational injuries of the back	2		2
4 <sup>th</sup>	Lifting process	2		2
5 <sup>th</sup>	Hand held tools	2		2
6 <sup>th</sup>	Human machine system	2		2
7 <sup>th</sup>	Library ergonomics	2		2
8 <sup>th</sup>	Office Ergonomics ( Computer work station )	2		2
9 <sup>th</sup>	Office Ergonomics ( Office Environmental Muscle Recovery )	2		2
10 <sup>th</sup>	Office Ergonomics ( Indoor Air Quality )	2		2
11 <sup>th</sup>	Office Ergonomics (Electromagnetic Field )	2		2
12 <sup>th</sup>	Office Ergonomics ( How does my body react to stress ) .	2		2

N.B : Midterm exam will be on **8<sup>th</sup> week** .