

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Orthopedic Physiotherapy
Course number	AMSP3315
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - To provides the PT students with the PT skills to evaluate and treat traumatic, orthopedic, rheumatic, surgical as well as postural disorders

Intended Learning Outcomes

Knowledge and Understanding	*	Develop methods for assessing patients with traumatic, orthopedic or rheumatic conditions
	*	acquire clinical basic knowledge in the management of such conditions
Professional Skills	*	Develop skills required for gait analysis and training, and selecting the suitable assistive devices for different cases.
General Skill	*	Develop therapeutic skills related to treatment of different orthopedic conditions.

Course Contents

1 - Assessment of musculoskeletal disorders and concepts of management
2 - Traumatology "PT management" and gait training
3 - Soft tissue injury "PT management of ligament, tendon, muscle, and meniscus injury" through acute, subacute, and chronic stage of healing.
4 - Rheumatology and bone disorders "OA, RA, Osteoporosis
5 - Rehabilitation of amputation conditions

Teaching and Learning Methods

1 - Power Point presentations prepared by the lecturer.

Students Assessment

Assessment Method	TIME	MARKS
Midterm Examination 1	4th week	25
Midterm Examination 2	8th week	25
Final Examination	16th week	50

Books and References

Recommended books	Management of common musculoskeletal disorders, Physical therapy principles and methods, 3rd edition, by Darlene Hertling, Randolph M.Kesselr. Orthopedic Physical assessment, 4th edition, by David Magee. Physical Rehabilitation, 5th edition by Suzan B. Osullivan, Thomas J.Schmitz
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