

Liverpool John Moores University

Title: APPLIED SCIENCES UNDERPINNING PRACTICE 3
Status: Definitive
Code: **4508BNCNUR** (107598)
Version Start Date: 01-08-2014

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: KPJ International College of Nursing and Health Sc

Team	Leader
Sean Mackay	

Academic Level: FHEQ4 **Credit Value:** 10.00 **Total Delivered Hours:** 36.00
Total Learning Hours: 100 **Private Study:** 64

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	24.000
Tutorial	12.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Essay - 2500 words (chronic illness focus)	100.0	

Aims

To enhance students' knowledge of the pathophysiological basis of a range of long term medical disorders and the application of this knowledge to practice.

Learning Outcomes

After completing the module the student should be able to:

- 1 Describe the pathophysiological mechanisms involved in a range of long standing disorders of the nervous, endocrine, cardiovascular and respiratory systems.
- 2 Discuss biopsychosocial factors and their impact on disease development and outcome.
- 3 Describe the mechanisms underlying the signs and symptoms of these illnesses.
- 4 Discuss the investigations and modes of action of a range of therapeutic modalities.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

essay	1	2	3	4
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Outline Syllabus

Long standing disorders of the cardio-pulmonary systems. Hypertension. Angina. Right sided heart failure. Circulatory disorders. Arterial and venous disorders. Complicated wounds and wound healing. Chronic Obstructive Airways disease. Cancer - aetiology and treatment modalities. Chronic pain. Chronic stress and psychoimmunology. Neurological disorders. Multiple sclerosis. Parkinsons disease. Dementia. Endocrine disorders. Thyroid and Pituitary disease. Current managerial approaches to long standing illness.

Learning Activities

Blackboard activities involving theories and concepts of chronic illness. Links to patient and condition specific organisations Lectures. Seminars. Group presentations. Development of English Language skills: listening, reading, writing and speaking

References

Course Material	Book
Author	Green, R. Harris, N.
Publishing Year	2000
Title	Pathology and Therapeutics for Pharmacist
Subtitle	A basis for clinical pharmacy practice
Edition	2nd Ed
Publisher	Pharmaceutical Press
ISBN	

Course Material	Book
Author	Porth, C.M.
Publishing Year	2004
Title	Pathophysiology
Subtitle	Concepts of Altered Health States

Edition	7th Ed
Publisher	Lippincott Williams &Wilkins
ISBN	

Course Material	Book
Author	Whaley, L. Wong, D
Publishing Year	2003
Title	Nursing Care of Infants and Children
Subtitle	
Edition	7th Ed
Publisher	Mosby
ISBN	

Course Material	Book
Author	Ministry of Health
Publishing Year	1988
Title	Prevention & Control of Infectious Disease Act
Subtitle	and all amendments
Edition	
Publisher	
ISBN	

Notes

This module will give the student a comprehensive knowledge of the complex nature of long term medical conditions and their management.

The module leader at JB campus is YAP YET PING