

Liverpool John Moores University

Title: APPLIED SCIENCES UNDERPINNING PRACTICE 3
Status: Definitive
Code: **4001DNANUR** (111943)
Version Start Date: 01-08-2014

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
Frances Colbron	Y

Academic Level: FHEQ4
Credit Value: 10.00
Total Delivered Hours: 40.00
Total Learning Hours: 100
Private Study: 60

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	20.000
Seminar	15.000
Tutorial	5.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Essay - 2500 words Long Term Conditions	100.0	

Aims

To provide an enhanced knowledge of the pathophysiological basis of a range of long term medical disorders and the application of this 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 the biopsychosocial factors and how they 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

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.

References

Course Material	Book
Author	Department of Health
Publishing Year	2001
Title	The Expert Patient
Subtitle	A new approach to chronic disease management for the 21st century.
Edition	
Publisher	
ISBN	

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 Edition.
Publisher	Pharmaceutical Press
ISBN	0853693730

Course Material	Book
Author	Porth, C.M.
Publishing Year	2002
Title	Pathophysiology.
Subtitle	Concepts of Altered Health States.
Edition	6th Edition.
Publisher	Lippincott Williams &Wilkins
ISBN	0781728819

Notes

This module will give the student a comprehensive knowledge of the complex nature of long term medical conditions and their management. The content reflecting epidemiological data, N.S.F and N.I.C.E guidelines, and the NHS Expert Patient report. Long-term medical conditions alliance.