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Title: APPLIED ANATOMY AND PHYSIOLOGY
 Status: Definitive
 Code: **5013FDASPP** (106847)
 Version Start Date: 01-08-2014

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

Team	Leader
Catherine Taylor	Y

Academic Level: FHEQ5 **Credit Value:** 20.00 **Total Delivered Hours:** 64.00

Total Learning Hours: 200 **Private Study:** 136

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	30.000
Online	26.000
Seminar	8.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	A critical discussion (essay) of a care pathway or patient journey relating to multi-pathological disease process and management (4000 words)	100.0	

Aims

To acquire knowledge of relevant human physiological systems and anatomical structure.

To provide a knowledge of the pathophysiology of a variety of common conditions and an appreciation of the contribution that knowledge can make to the Assistant Practitioner role.

To explore the impact of multi-pathologies on the management of patients

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate an indepth understanding of specific body systems (negotiated) relating to the student's chosen pathway.
- 2 Discuss and evaluate the pathophysiological basis of the management of a range of major disease processes.
- 3 Recognise physiological data within normal limits.
- 4 Explore the impact of multi-pathologies on the management of patients

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

The nervous system and musculo-skeletal systems and their role in protection, support and movement.

The cardiac and respiratory systems and their interdependent functions.

Gastro-intestinal system and its role in health and wellbeing.

Neurological, musculo-skeletal, vascular, respiratory GI disorders e.g. Cerebo-vascular accident, motor neurone disease, multiple sclerosis, osteoarthritis, osteoporosis, rheumatoid arthritis, myocardial infarction, atherosclerosis, coronary artery disease, chronic obstructive pulmonary disease, asthma, nutrition and health. Normal and abnormal ranges of clinical data.

Multi-pathologies, complexity, impact and interaction of multiple conditions and their management.

Learning Activities

Lectures, problem-based learning, case studies, seminars, tutorials, group work, E and blended learning and work based learning.

References

Course Material	Book
Author	Hinchliff, S. M., Montague, S. E., & Watson, R.
Publishing Year	1996
Title	Physiology for nursing practice.

Subtitle	
Edition	2nd ed
Publisher	London: Bailliere Tindall.
ISBN	

Course Material	Book
Author	Kapit, W., & Elson, L. M.
Publishing Year	2002
Title	The anatomy coloring book.
Subtitle	
Edition	3rd ed
Publisher	San Francisco: Benjamin Cummings.
ISBN	

Course Material	Book
Author	Marieb, E. N.
Publishing Year	2006
Title	Essentials of human anatomy and physiology.
Subtitle	
Edition	8th ed
Publisher	San Francisco: Benjamin Cummings.
ISBN	

Course Material	Book
Author	Martini, F. H. et al.).
Publishing Year	2006
Title	Fundamentals of anatomy & physiology.
Subtitle	
Edition	7th ed.
Publisher	San Francisco: Benjamin Cummings
ISBN	

Course Material	Book
Author	Waugh, A., & Grant, A.
Publishing Year	2006
Title	Ross and Wilson anatomy and physiology in health and illness.
Subtitle	
Edition	10th ed..
Publisher	Edinburgh: Churchill Livingstone
ISBN	

Notes

Students must complete a critical discussion (essay) of a care pathway or patient journey relating to multi-pathological disease process and management

