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MODULE DESCRIPTOR

Module Title

Applied Physiology And Introduction To Pathology

Reference	HS1117	Version	3
Created	March 2018	SCQF Level	SCQF 7
Approved	May 2015	SCQF Points	15
Amended	July 2018	ECTS Points	7.5

Aims of Module

To provide the student with an applied understanding of the physiological basis of all body systems, and how this impacts upon function in the presence and absence of pathology.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Describe the structure and function of different cells and tissues within the human body.
- 2 Identify and describe the structure of the major systems of the body.
- 3 Relate the structure to the function of all the major systems.
- 4 Discuss normal function of all major body system and identify what occurs in the presence of pathology.

Indicative Module Content

The structure and function of different tissues, identifying the specialisation of their cellular components and relating them to the organ systems which they subserve. The systems to be included: cardiovascular, heart and vessels; respiratory - lungs and gas exchange; gastrointestinal - gut and digestive system; genitourinary - kidneys and the bladder, reproductive, musculoskeletal, osteology, myology, anthropology, endocrine gland and hormonal control and regulation, CNS, ANS and PNS. Introduction to pathological processes including inflammation, soft tissue healing, fractures and cancer i.e haematological conditions, leukaemia.

Module Delivery

Lectures, workshops, tutorials, supported with on-line resources

Indicative Student Workload

	Full Time	Part Time
Contact Hours	45	N/A
Non-Contact Hours	105	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type: Examination Weighting: 100% Outcomes Assessed: 1, 2, 3, 4
 Description: Multiple Choice Question Examination

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

This is an MCQ examination

Module Grade	Minimum Requirements to achieve Module Grade:
A	70% and over
B	60-69%
C	50-59%
D	40-49%
E	30-39%
F	29% or less
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module None, in addition to course entry requirements
 Corequisites for module None.
 Precluded Modules None.

INDICATIVE BIBLIOGRAPHY

- HUBERT R.J. and VAN METER, K.C. 2022. Gould's pathology for the Health Professions. (7th Ed.) Elsevier, London.
- WIDMAIER, E.P., RAFF, H., STRANG, K.T AND VANDER, A.J. 2022. Vander's Human Physiology: The Mechanisms of Body Function. 16th Ed. McGraw Hill. New York.
- WELSH, C.J., PRENTICE-CRAVER, C., SHIER, D., BUTLER, J. and LEWIS, R. 2022. Hole's Essentials of Human Anatomy and Physiology 16th Edition. McGraw Hill. New York.