

MODULE SPECIFICATION PROFORMA

Module Title:	Anatomy and Applied Physiology	Level:	4	Credit Value:	20
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Module code:	CMP413	Is this a new module?	no	Code of module being replaced:	CMP404
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Cost Centre:	GACM	JACS3 code:	B300
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Trimester(s) in which to be offered:	1	With effect from:	October 18
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School:	Social & Life Sciences	Module Leader:	Vic Graham
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Scheduled learning and teaching hours	36 hrs
Guided independent study	164 hrs
Placement	0 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered	Core	Option
BSc (Hons) Acupuncture	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BSc (Hons) Complementary Therapies for Healthcare	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BSc (Hons) Rehabilitation and Injury Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Pre-requisites
None

Office use only

Initial approval October 2018

APSC approval of modification

Have any derogations received SQC approval?

Version 1

Yes No

Module Aims

The aims of the module are:

1. To provide an understanding of the human body systems and the accompanying physiological processes that enable optimal functioning and health.
2. To provide students with knowledge of human anatomical and physiological structures in both healthy and diseased states.

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem-solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to

Key Skills

At the end of this module, students will be able to		Key Skills	
1	Recognise the major structures of the human body and offer explanations on their physiological functions.	KS1	KS3
		KS4	KS5
		KS6	
2	Demonstrate understanding of regional and surface anatomy and the location of internal organs, vessels and structures.	KS1	KS3
		KS4	KS5
		KS6	

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3	Demonstrate how physiological knowledge can be used to develop a treatment plan thereby enhancing and improving health.	KS1	KS3
		KS4	KS5
		KS6	KS9
4	Summarise how the human body's defence mechanisms work and how they provide resistance to disease.	KS1	KS3
		KS4	KS5
		KS6	

Transferable/key skills and other attributes

By the end of the module the student will demonstrate:

Data interpretation.
Communicate (oral & written) with others using appropriate terminology
Demonstrate group & teamwork.
Utilise data to establish a treatment plan.

Derogations

Credits shall be awarded by an Assessment Board for this module when a mark of at least 40%, or a pass grade, has been achieved in all elements of assessment.

Assessment:

Assessment One:
A written examination which will assess the students underpinning knowledge of the subject.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration (if exam)	Word count (or equivalent if appropriate)
1	1, 2, 3 & 4	Exam	100%	2 hours	N/A

Learning and Teaching Strategies:

The delivery of this module will consist of lectures, interactive classroom sessions, group and personal tutorials and workshops. It is intended that the module will provide support to students throughout the module; however, students will be encouraged to become increasingly autonomous as they gain competence and confidence within their studies.

Moodle will act as a repository for both the session teaching materials and supplementary resources.

Indicative syllabus outline:

An introduction to anatomy & physiology including anatomical terminology
Structural organisation to include and chemicals that make up the human body
Cell structure & function and investigating major tissues and organs.
(delivered in other modules)
The skeleton & joints including range of movements
The integumentary system (Skin)
The circulatory system and Blood & vessels
The respiratory system
The reproductive system
The musculoskeletal system The lymphatic system
The digestive system
The nervous system
The endocrine system
The renal system

Bibliography:

Essential reading

Tortora, G. J. and Grabowski, S. R. (2014), *Introduction to the human body: the essentials of anatomy & physiology*. 10th ed. New York: Wiley Publications

Tortora, G. J. and Grabowski, S. R. (2014), *Principles of Anatomy & Physiology*. 14th ed. New York: Field Wiley Publications.

Other indicative reading

Biel, A. and Dorn, R. (2014), *Trail Guide to the Body: A Hands-on Guide to Locating Muscles, Bones, and More*. 5th ed. Books of Discovery.

Fox, S. (2003), *Anatomy, Physiology and Pathology for the Massage Therapist*. Gloucester: Corpus Publishers.

Kapit, W. et al (2013), *Anatomy Colouring Book*. 4th ed. Harlow: Pearson Education Limited.

Premkumar, K. (2004), *The Massage Connection Anatomy & Physiology*. 2nd ed. London: Lippincott Williams & Walkins.

Soames, R. & Palastanga, N. (2018) *Anatomy and Human Movement: Structure & Function*, Elsevier