

Unit Title: Applied Human Biology
Level: Three
Credit Value: 9
GLH:
NOCN Unit Code: RH4/3/TE/001
QCA Unit Reference
Grading Descriptors: 1, 7

This unit has 7 learning outcomes.

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand the nature of cells and tissues	1.1. Describe the main components of the cell 1.2. Describe the exchange mechanisms that exist within the immediate environment to maintain homeostasis 1.3. Describe how the cells combine to form tissues with specific functions
2. "Investigate digestion, absorption and excretion"	2.1. Describe the essential dietary elements required in a healthy diet 2.2. Evaluate the effects of variations in diets according to cultural, social and personal preferences 2.3. Relate the anatomy and histology of the digestive and excretory system to functional roles
3. Investigate the cardio-respiratory system	3.1. Investigate the main features of the cardio-respiratory system 3.2. Explain the mechanisms of gaseous exchange and transport 3.3. Describe the control of the cardio-respiratory system
4. Relate the structure of the reproductive system to function	4.1. Investigate the main features of the reproductive system 4.2. Investigate gametogenesis 4.3. Analyse the role of the gonad as an endocrine gland
5. Understand the role of neural and hormonal mechanisms in homeostasis	5.1. Describe the organisation of the endocrine and nervous systems 5.2. Evaluate the role of control mechanisms
6. Investigate defence mechanisms	6.1. Differentiate between primary and secondary defence mechanisms 6.2. Discuss auto-immune disease and allergy

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LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
7. Investigate the influence of individual behaviour on the incidence of malfunction	7.1. Analyse the beneficial effects of exercise 7.2. Analyse the role of smoking and alcohol in the incidence of disease 7.3. Analyse the effects of short and long term stress

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ASSESSMENT INFORMATION

Guidance:

This grid gives details of the assessment activities to be used with the unit attached. Please refer to the NOCN Handbook for definitions of each activity and the expectations for assessment practice and evidence for moderation.

The assessment activities for this unit are indicated in the table below:

Key: P = Prescribed – this assessment method *must* be used to assess the unit.
O = Optional – this assessment method *could* be used to assess the unit.

Case study		Project	
Written question & answer/test/exam		Role play/simulation	
Essay		Practical demonstration	
Report		Group discussion	
Oral question and answer		Performance/exhibition	
Written description		Production of artefact	
Reflective log / diary		Practice file	

Signposting Key Skills

This unit offers clear opportunities for learners to provide evidence of achievement in Key Skills achievement in the following skill area/s:

Key Skill		Wider Key Skill	
Communication		Working with others	
Information Technology		Problem solving	
Application of Number		Improving Own Learning and Performance	

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Accredited Start date:
Accredited End date:
Unit Sector/Subject area:
Grading descriptors:
Availability for Use:

Purpose and Aim of the Unit	Free Text
Restrictions on the Availability	Free Text or N/A
Additional Assessment Requirements	Free Text or N/A
Details of relationship between the Unit and the NOS	Free Text or N/A
Details of relationship between the Unit and Standards (not NOS)	Free Text or N/A
Endorsement of the Unit by	Free Text or N/A