#TRANSFORMINGLIVES

Hartlepool College of Further Education

BTEC Level 3 National Extended Diploma in

APPLIED SCIENCE

TRANSITION PACKAGE

WHAT IS THIS COURSE ABOUT?

- A 2 year, full-time course.
- This is a level 3 qualification recognised by universities.
- It is the equivalent in size to three A-levels.
- This course meets the entry requirements for learners who wish to progress to higher education (HE) on science-based courses or enter employment in the science field.
- This course has been developed in collaboration with employers and representatives from HE to ensure the programme of study contains all necessary key knowledge, understanding, skills and attributes needed to work in the sector in a variety of areas.

WHAT UNIVERSITY COURSES CAN I PROGRESS TO, AFTER SUCCESSFUL COMPLETION OF A LEVEL 3 NATIONAL EXTENDED DIPLOMA IN APPLIED SCIENCE?

We offer full support in applying to university. Here are some examples of what you can study if you are successful on this course.

Biomedical science	Biochemistry	Physiology	Nursing
Radiography	Psychology	Biology	Chemistry
Physics	Pharmacy	Pharmacology	Midwifery
Engineering (some)	Audiology	Nutrition	
Occupational Therapy			

WHAT IF I DO NOT WANT TO STUDY AT HE LEVEL?

A BTEC Level 3 National Extended Diploma in Applied Science can be a great qualification to help you get an apprenticeship in applied science or work as laboratory assistant.

WHAT ARE THE ENTRY REQUIREMENTS?

GCSE Maths grade 4+
GCSE English grade 4+
GCSE Science grade 4+

It is essential you have all of these.

This level of study is demanding and good English and Maths skills are crucial to allow you to make progress.

WHO WILL TEACH ME?

Science lecturer Jane Skelton (Jane.Skelton@hartlepoolfe.ac.uk)
Science lecturer Sarah Irving (Sarah.irving@hartlepoofe.ac.uk)

Year 1 Units	Year 2 Units
Principles & Applications of Science I **	Principles & Applications of Science II **
Practical Science Procedures &Techniques	Investigative Project
Science Investigative Skills **	Contemporary Issues in Science **
Laboratory Techniques & their Applications	Biological Molecules & Metabolic Pathways
Physiology of Human Body Systems	Genetics & Genetic Engineering
Astronomy & Space	Practical Chemical Analysis
Disease & Infection	Please note, the units and order of units are subject to change. ** indicates external assessment.

WHAT WILL I STUDY?

A total of 13 units across the two years, including 7 mandatory units.

You must successfully complete ALL units to achieve your qualification.

WHAT ARE ASSESSMENTS LIKE?

Each unit is assessed and there is a blend of internal and external assessments.
Internal assessment may include: written reports, laboratory write-ups, essays, written examinations, presentations, academic posters, vivas.

External assessments are mandatory for the units with ** in the table above. These examinations will be externally assessed in the form of examinations.

HOW CAN I PREPARE FOR THIS COURSE?

Ensure you liaise with the college and keep up to date with start dates via email, telephone and the college website.

Read the information below and on the following page and undertake the suggested tasks to help you make a positive start to your level 3 studying!

KEY PHRASES

TASK 1:

Write the definition for each of the following. Give and example where possible.

Academic work should be of good quality, and for many this requires hardwork and the willingness to learn.
Much of the assessment will involve writing, and therefore English skills are very important.
To be able to succeed in assignments and reduce the number of resubmissions, you can learn to differentiate between the type of academic writing style used in assessments by completing the following activity. Complete the following table:

KEY PHRASE	DEFINITION	WRITE AN EXAMPLE IF POSSIBLE...
Assess		
Calculate		
Comment on		
Compare		

KEY PHRASE	DEFINITION	WRITE AN EXAMPLE IF POSSIBLE...
Complete		
Criticise		
Derive		
Describe		
Determine		
Devise		
Discuss		
Draw		
Evaluate		
Explain		
Identify		
State		

PREPARATION FOR ASSIGNMENTS

TASK 2:

To understand some of the terminology around this, use the following website below:

www.citethemrightonline.com

Assignments can not contain copied and pasted work. This is forbidden in education, and higher education institutions have strict disciplinary guidelines which all students and tutors follow to ensure assignments are not full of copied and pasted text, but contain your interpretation of information.

Define the key words:

a) Primary research
b) Secondary research
c) Referencing
d) Plagiarising
e) Summarising
f) Paraphrasing
g) Bibliography

Course tutor: Jane Skelton
E-mail: Jane.Skelton@hartlepoolfe.ac.uk

Course tutor: Sarah Irving
E-mail: Sarah.Irving@hartlepoofe.ac.uk