



Comparing unit content

BTEC Level 2 Technical Diploma in **Animal Care**

BTEC Level 2 Technical Diploma in Animal Care
BTEC First in Animal Care (QCF – 2010)

Introduction to BTEC Level 2 Technical Diploma in Animal Care

This document maps the content of the new BTEC Level 2 Tech Diploma in Animal Care (RQF), shown in the left hand column, against the content of the current BTEC First in Animal Care (QCF – 2010) in the right hand column.

This mapping will help you transition from one specification to the other by highlighting where there are changes in content, particularly where there is new content which will need to be delivered to help your learners prepare for the new assessment.

In order to make the table easy to use and to demonstrate new content we have used a ‘traffic lights’ colour scheme as follows:

GREEN - covered. In this case the content in the Level 2 Technical is very close indeed to the existing BTEC First in Animal Care (QCF – 2010). In the right hand column the title of the relevant unit and learning outcome (LO) is identified.

YELLOW - partially covered. In this case the content is partially covered, perhaps in learning outcomes in more than one unit from the BTEC First in Animal Care (QCF – 2010). Where there is some additional knowledge, this is stated in the left hand column under the heading **NEW CONTENT**

RED - not covered. In this case the content in the BTEC L2 Technical is new. It will appear in the left hand column so you can see immediately what you will need to teach.

Purpose of the qualification:

This qualification is for learners who want to start a career in animal care. It is designed for post-16 learners and can be taken as part of a wider study programme. It is an ideal qualification for learners intending to progress directly to employment in animal care, or to an animal care Apprenticeship or L3 Qualification.

This qualification has been developed in consultation with employers in the animal care sector to ensure it enables learners to develop the skills and behaviours that will give them the best opportunity to be successful when applying for work.

All the content of the qualification is mandatory and relates directly to the skills, knowledge and behaviours expected by employers in the animal care sector. The areas learners will cover include:

- practical animal health
- animal biology and health
- animal care work placement
- animal welfare
- animal behaviour assessment and safe handling
- feeding, accommodation and moving animals.

Learners will also enhance their broader skills in literacy and numeracy, which will be invaluable in supporting progression in other areas. In addition, they will develop transferable technical and practical skills in communication (working with colleagues, customers and clients), and research and project work (providing you with an opportunity to demonstrate your reflective practice by suggesting alternative approaches to a problem).

Qualification structure

Pearson BTEC Level 2 Technical Diploma in Animal Care				
Unit number	Unit title	GLH	Type	How assessed
1	Practical Animal Health	60	Mandatory	Internal
2	Introduction to Animal Biology and Health	60	Mandatory	External
3	Animal Care Work Placement	60	Mandatory	Internal
4	Animal Welfare	60	Mandatory	External
5	Animal Behaviour Assessment and Safe Handling	60	Mandatory	Internal
6	Feeding, Accommodating and Moving Animals	60	Mandatory	Internal Synoptic

BTEC Level 2 Technical Diploma in Animal Care	BTEC First in Animal Care (QCF – 2010)
Unit 1 – Practical Animal Health	
Learning Aims	
A Monitor and maintain the health and wellbeing of animals	
B Groom animals and use preventative medications	
C Apply animal first-aid principles and practices.	
Unit Content	
Knowledge and sector skills	
Learning aim A Monitor and maintain the health and wellbeing of animals	
<p>A1 Signs of normal and abnormal health in animals</p>	<p>Unit 4 Maintain Animal Health & welfare in animals LO1 be able to monitor and maintain the health & wellbeing of animals</p> <p>Unit 13 Contribute to the care of exotic animals LO4 be able to monitor the health, behaviour and welfare of exotic animals</p> <p>Unit 14 Contribute to the nursing of animals LO1 know how to observe an in-patient</p> <p>Unit 16 Introduction to caring for horses LO3 be able to demonstrate care routines for horses</p>

<p>A2 Routine animal health checks and wellbeing strategies</p>	<p>Unit 4 Maintain Animal Health & welfare in animals LO1 be able to monitor and maintain the health & wellbeing of animals</p> <p>Unit 13 Contribute to the care of exotic animals LO4 be able to monitor the health, behaviour and welfare of exotic animals</p> <p>Unit 14 Contribute to the nursing of animals LO1 know how to observe an in-patient</p> <p>Unit 16 Introduction to caring for horses LO3 be able to demonstrate care routines for horses</p>
<p>Learning aim B Groom animals and use preventative medications</p>	
<p>B1 Appropriate preventative medications for animals</p>	<p>Unit 4 Maintain Animal Health & welfare in animals LO3 know common diseases and disorders, their prevention and treatment</p>
<p>B2 Requirements for grooming</p>	<p>Unit 11 Introduction to animal breeds and grooming LO3 know the reasons and requirements for grooming animals</p> <p>Unit 16 Introduction to caring for horses LO3 be able to demonstrate care routines for horses</p>
<p>B3 Practical grooming</p>	<p>Unit 11 Introduction to animal breeds and grooming LO3 know the reasons and requirements for grooming animals LO4 be able to groom small pet animals</p>
<p>Learning aim C Apply animal first-aid principles and practices</p>	
<p>C1 Common animal emergencies and their responses</p>	<p>Unit 4 Maintain animal health and welfare LO4 know the practices and principles of animal first aid</p>
<p>C2 Principles of animal first aid</p>	<p>Unit 4 Maintain animal health and welfare LO4 know the practices and principles of animal first aid</p>

C3 First-aid procedures for common animal injuries and ailments

Unit 4 Maintain animal health and welfare
LO4 know the practices and principles of animal first aid

Unit 2 – Introduction to Animal Biology and Health

Assessment Outcomes

AO1 Demonstrate knowledge and understanding of structure, function and biological processes in animal body systems
Command words: apply, complete, define, describe, explain, give, identify, label, name, state, select
Marks: ranges from 1 to 4 marks

AO2 Analyse information about biological processes related to animal health
Command words: analyse, compare, complete, explain, select
Marks: ranges from 1 to 4 marks

AO3 Apply knowledge and understanding to assessing and responding to animal health needs
Command words: analyse, calculate, compare, describe, discuss, explain, give, identify, match, name, select, state
Marks: ranges from 1 to 4 marks

AO4 Make reasoned connections between animal biology and health in realistic scenarios
Command words: analyse, assess, compare, describe, discuss, identify, explain, select, state
Marks: ranges from 1 to 4 marks

Essential Content

A Mammals

A1 Structure and sensitivity to the environment

Unit 2 Maintain animal accommodation
LO1 know how to prepare & maintain animal housing

Unit 6 Introduction to the principles and practices of animal behaviour and handling

LO1 know the difference between normal & abnormal behaviour in animals
LO4 know how to handle and restrain animals safely

Unit 7 Understand the basic principles of animal biology

LO3 know the structure and function of the main biological systems in animals

A2 Digestion and nutrition

Unit 3 Undertake practical animal feeding
LO2 be able to provide feed & water to animals

Unit 4 Maintain animal health and welfare
LO3 know common diseases & disorders, their prevention & treatment

Unit 7 Understand the basic principles of animal biology

LO2 know the requirements for nutrition & growth in animals

A3 Cardiovascular system

Unit 7 Understand the basic principles of animal biology

LO3 know the structure & function of the main biological systems in animals

A4 Reproduction

Unit 7 Understand the basic principles of animal biology

LO4 know the processes of reproduction & heredity in animals

B Birds	
B1 Structure and sensitivity to the environment	<p>Unit 2 Maintain animal accommodation LO1 know how to prepare & maintain animal housing</p> <p>Unit 6 Introduction to the principles and practices of animal behaviour and handling LO1 know the difference between normal & abnormal behaviour in animals LO4 know how to handle and restrain animals safely</p> <p>Unit 7 Understand the basic principles of animal biology LO3 know the structure and function of the main biological systems in animals</p>
B2 Digestion and nutrition	<p>Unit 3 Undertake practical animal feeding LO2 be able to provide feed & water to animals</p> <p>Unit 4 Maintain animal health and welfare LO3 know common diseases & disorders, their prevention & treatment</p> <p>Unit 7 Understand the basic principles of animal biology LO2 know the requirements for nutrition & growth in animals</p> <p>Unit 13 contribute to the care of exotic animals LO3 understand the nutritional requirements of exotic animals</p>
B3 Cardiovascular system	<p>Unit 7 Understand the basic principles of animal biology LO3 know the structure & function of the main biological systems in animals</p>
B4 Reproduction	<p>Unit 7 Understand the basic principles of animal biology LO4 know the processes of reproduction & heredity in animals</p>

C Herptiles	
C1 Digestion and nutrition	<p>Unit 3 Undertake practical animal feeding LO2 be able to provide feed & water to animals</p> <p>Unit 4 Maintain animal health and welfare LO3 know common diseases & disorders, their prevention & treatment</p> <p>Unit 7 Understand the basic principles of animal biology LO2 know the requirements for nutrition & growth in animals</p> <p>Unit 13 contribute to the care of exotic animals LO3 understand the nutritional requirements of exotic animals</p>
C2 Thermoregulation and external environment	<p>Unit 7 Understand the basic principles of animal biology LO3 know the structure & function of the main biological systems in animals Unit 13: Contribute to the Care of Exotics Animals LO1 Be able to prepare and maintain appropriate accommodation for exotic animals</p>
C3 Reproduction	<p>Unit 7 Understand the basic principles of animal biology LO4 know the processes of reproduction & heredity in animals</p>
D Fish	
D1 Structure and sensitivity to the environment	<p>Unit 7 Understand the basic principles of animal biology LO3 know the structure and function of the main biological systems in animals Unit 15: Introduction of Caring for Ornamental Aquatics LO2 Be able to plan and contribute to the set up a safe, viable aquarium system</p>
D2 Body systems, thermoregulation and reproduction	<p>Unit 7 Understand the basic principles of animal biology LO3 know the structure & function of the main biological systems in animals Unit 15: Introduction of Caring for Ornamental Aquatics LO3 Be able to plan and set up a safe, viable ornamental pond</p>
D3 Aquatic environments	<p>Unit 15 Introduction to caring for ornamental aquatics LO2 be able to plan & contribute to the set up of a safe, viable aquarium system</p>



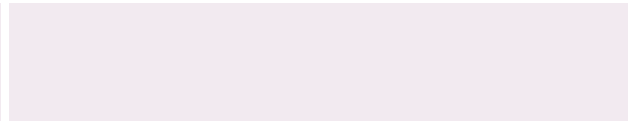
LO3 Be able to plan and set up a safe, viable ornamental pond

E Diseases and infestations in animals	
E1 Indicators of good and poor health	Unit 4 Maintain Animal Health & welfare in animals LO1 be able to monitor and maintain the health & wellbeing of animals Unit 13 Contribute to the care of exotic animals LO4 be able to monitor the health, behaviour and welfare of exotic animals
E2 How animals defend against disease	Unit 4 Maintain animal health and welfare LO3 know common diseases & disorders, their prevention & treatment
E3 Pathogens and the spread of infectious disease	Unit 4 Maintain animal health and welfare LO3 know common diseases & disorders, their prevention & treatment
E4 Dealing with animal diseases, infestations and emergencies	Unit 4 Maintain animal health and welfare LO3 know common diseases & disorders, their prevention & treatment Unit 4 Maintain animal health and welfare LO4 know the practices and principles of animal first aid
Unit 3 – Animal Care Work Placement	
Learning Aims	
A Investigate and apply for an animal care work placement	
B Demonstrate work skills relevant to an animal care work placement	
C Appraise own animal care work placement.	
Unit Content	
Knowledge and sector skills	
Learning aim A Investigate and apply for an animal care work placement	
A1 Investigating a work placement	Unit 1 undertake work related experience in the land-based industries LO1 know the range & scope of job roles within an environmental & land-based industry

A2 Applying for a work placement	Unit 1 undertake work related experience in the land-based industries LO2 be able to use relevant documents & skills relating to work experience
Learning aim B Demonstrate work skills relevant to an animal care work placement	
B1 Professional behaviours	Unit 1 undertake work related experience in the land-based industries LO3 be able to plan & review self-development during work experience
B2 Communication skills	Unit 1 undertake work related experience in the land-based industries LO3 be able to plan & review self-development during work experience
B3 Safe working with/around animals	Unit 2 Maintain animal accommodation LO2 be able to clean & prepare housing & bedding for animals Unit 3: Undertake Practical Animal Feeding LO1 Be able to select and prepare equipment and food to feed and water animals Unit 5 Environmental and land-based business LO2 know the relevant legislation and codes of practice with the environmental and landbased sector Unit 6 introduction to the principles & practices of animal behaviour & handling LO3 be able to handle & restrain animals safely Unit 8: Participate in providing estate maintenance LO1 be able to select, transport and use a range of hand tools and equipment for estate maintenance
Learning aim C Appraise own animal care work placement	
C1 Appraisal of animal care industry work placement	Unit 1 undertake work related experience in the land-based industries LO4 be able to report on the work experience
C2 Self-development	Unit 1 undertake work related experience in the land-based industries LO3 be able to plan & review self-development during work experience
Unit 4 – Animal Welfare	
Assessment Outcomes	

AO1 Demonstrate knowledge and understanding of animal welfare needs in the animal industry

AO2 Analyse principles and practices of routine husbandry in relation to animal welfare needs



<p>AO3 Evaluate the extent to which principles and practices of animal welfare are applied to different areas of the animal industry</p>	
<p>AO4 Make connections between animal welfare and the importance of animal establishment principles and practices</p>	
<p>Essential Content</p>	
<p>A Animal welfare</p>	
<p>A1 Maintaining animal welfare</p>	<p>Unit 4 maintain animal health & welfare LO1 be able to monitor & maintain the health & wellbeing of animals</p>
<p>A2 Cleaning and disinfectants</p>	<p>Unit 2 maintain animal accommodation LO2 be able to clean & prepare housing & bedding for animals</p>
<p>B Companion animals in a boarding establishment</p>	
<p>B1 Routine welfare</p>	<p>Unit 2 Maintain animal accommodation LO2 be able to clean & prepare housing & bedding for animals</p> <p>Unit 2 Maintain animal accommodation LO3 be able to maintain animal housing</p> <p>Unit 3 Undertake practical animal feeding LO2 be able to provide feed & water to animals</p> <p>Unit 4 Maintain Animal Health & welfare in animals LO1 be able to monitor and maintain the health & wellbeing of animals</p> <p>Unit 6: introduction of the principles and practices of animal behaviour and handling LO3 be able to handle and restrain animals safely</p> <p>Unit 11: Introduction to animal breeds and grooming LO4 Be able to groom small pet animals</p> <p>Unit 12: Understand the principles and practices of animals establishments LO2 Know animal establishment administrative procedures</p>
<p>B2 Health and safety</p>	<p>Unit 6 introduction to the principles & practices of animal behaviour & handling LO3 be able to handle & restrain animals safely</p> <p>LO4 Know how to handle and restrain</p>

	animals safely
<p>B3 Your legal responsibilities when working with animals in a boarding establishment</p>	<p>Unit 4 maintain animal health & welfare LO2 know how to promote & maintain the welfare of animals Unit 12: Understand the principles and practices of animals establishments LO2 Know animal establishment administrative procedures</p>

C Livestock animals on a farm

<p>C1 Routine welfare</p>	<p>Unit 2 Maintain animal accommodation LO2 be able to clean & prepare housing & bedding for animals</p> <p>Unit 2 Maintain animal accommodation LO2 be able to maintain animal housing</p> <p>Unit 3 Undertake practical animal feeding LO3 be able to provide feed & water to animals</p> <p>Unit 4 Maintain Animal Health & welfare in animals LO1 be able to monitor and maintain the health & wellbeing of animals</p> <p>Unit 16 Introduction to caring for horses LO3 be able to demonstrate care routines for horses</p>
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<p>C2 Health and safety</p>	<p>Unit 6 introduction to the principles & practices of animal behaviour & handling LO3 be able to handle & restrain animals safely LO4 Know how to handle and restrain animals safely</p> <p>Unit 16: introduction to caring for horses LO2 be able to carry out stable management routines</p>
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<p>C3 Legal responsibilities when working with farm animals</p>	<p>Unit 4 maintain animal health & welfare LO2 know how to promote & maintain the welfare of animals</p>
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D Small animals in a pet shop

<p>D1 Routine welfare</p>	<p>Unit 2 Maintain animal accommodation LO2 be able to clean & prepare housing & bedding for animals</p> <p>Unit 2 Maintain animal accommodation LO3 be able to maintain animal housing</p> <p>Unit 3 Undertake practical animal feeding LO2 be able to provide feed & water to animals</p> <p>Unit 4 Maintain Animal Health & welfare in animals LO1 be able to monitor and maintain the health & wellbeing of animals</p> <p>Unit 6: introduction of the principles and</p>
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	<p>practices of animal behaviour and handling LO3 be able to handle and restrain animals safely Unit 11: Introduction to animal breeds and grooming LO4 Be able to groom small pet animals Unit 12: Understand the principles and practices of animals establishments LO2 Know animal establishment administrative procedures</p>
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<p>D2 Health and safety</p>	<p>Unit 6 introduction to the principles & practices of animal behaviour & handling LO3 be able to handle & restrain animals safely LO4 Know how to handle and restrain animals safely</p>
<p>D3 Your legal responsibilities when working with small animals</p>	<p>Unit 4 maintain animal health & welfare LO2 know how to promote & maintain the welfare of animals Unit 12: Understand the principles and practices of animals establishments LO2 Know animal establishment administrative procedures</p>
<p>E Exotic animals in a small collection</p>	
<p>E1 Routine welfare</p>	<p>Unit 2 Maintain animal accommodation LO3 be able to maintain animal housing Unit 3 Undertake practical animal feeding LO2 be able to provide feed & water to animals Unit 4 Maintain Animal Health & welfare in animals LO1 be able to monitor and maintain the health & wellbeing of animals Unit 6: introduction of the principles and practices of animal behaviour and handling LO3 be able to handle and restrain animals safely Unit 12: Understand the principles and practices of animals establishments LO2 Know animal establishment administrative procedures Unit 13 Contribute to the care of exotic animals LO4 be able to monitor the health, behaviour and welfare of exotic animals</p>
<p>E2 Health and safety</p>	<p>Unit 6 introduction to the principles & practices of animal behaviour & handling LO3 be able to handle & restrain animals safely</p>
<p>E3 Your legal responsibilities when working with exotic animals</p>	<p>Unit 4 maintain animal health & welfare LO2 know how to promote & maintain the welfare of animals Unit 12: Understand the principles and practices of animals establishments LO2 Know animal establishment administrative procedures Unit 13 contribute to the care of exotic animals LO2 know how to source & transport exotic</p>

	animals
F British wildlife in a rehabilitation centre	
<p>F1 Routine welfare</p>	<p>Unit 2 Maintain animal accommodation LO3 be able to maintain animal housing</p> <p>Unit 3 Undertake practical animal feeding LO2 be able to provide feed & water to animals</p> <p>Unit 4 Maintain Animal Health & welfare in animals LO1 be able to monitor and maintain the health & wellbeing of animals</p> <p>Unit 6: introduction of the principles and practices of animal behaviour and handling LO3 be able to handle and restrain animals safely</p> <p>Unit 9: Conversation and improvement of British habitats LO3 be able to collect and present information concerning flora and fauna</p>

<p>F2 Health and safety</p>	<p>Unit 6 introduction to the principles & practices of animal behaviour & handling LO3 be able to handle & restrain animals safely Unit 9: Conversation and improvement of British habitats LO4 be able to improve a habitat</p>
<p>F3 Your legal responsibilities when working with wild animals</p>	<p>Unit 4 maintain animal health & welfare LO2 know how to promote & maintain the welfare of animals Unit 12: Understand the principles and practices of animals establishments LO2 Know animal establishment administrative procedures Unit 13 contribute to the care of exotic animals LO2 know how to source & transport exotic animals</p>

Unit 5 – Animal Behaviour Assessment and Safe Handling

Learning Aims

<p>A Explore normal and abnormal behaviours in animal species</p>	
<p>B Explore animals' behaviour to determine their mood</p>	
<p>C Handle and restrain animals safely.</p>	

Unit Content

Knowledge and sector skills

Learning aim A Explore normal and abnormal behaviours in animal species

<p>A1 Signs of normal animal behaviour</p>	<p>Unit 6 Introduction to the principles & practices of animal behaviour & handling LO1 know the difference between normal & abnormal behaviour in animals</p>
<p>A2 Signs of abnormal animal behaviour</p>	<p>Unit 6 Introduction to the principles & practices of animal behaviour & handling LO1 know the difference between normal & abnormal behaviour in animals</p>

Learning aim B Explore animals' behaviour to determine their mood

<p>B1 Specific signs of stress</p>	<p>Unit 4: Maintain animal health and welfare LO1 be able to monitor and maintain the health and wellbeing of animals Unit 6 Introduction to the principles & practices of animal behaviour & handling</p>
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	<p>LO1 know the difference between normal & abnormal behaviour in animals</p>
<p>B2 Common stressors</p>	
<p>B3 Observation and risk assessment of animals on approach</p>	<p>Unit 6 Introduction to the principles & practices of animal behaviour & handling LO4 know how to handle & restrain animals safely</p>

Learning aim C Handle and restrain animals safely

C1 Equipment and personal protective equipment (PPE)

Unit 6 Introduction to the principles & practices of animal behaviour & handling
LO3 be able to handle & restrain animals safely
Unit 6 Introduction to the principles & practices of animal behaviour & handling
LO4 know how to handle & restrain animals safely

C2 Methods to reduce stress

Unit 6 Introduction to the principles & practices of animal behaviour & handling
LO4 know how to handle & restrain animals safely

C3 Correct handling and restraint techniques

Unit 6 Introduction to the principles & practices of animal behaviour & handling
LO3 be able to handle & restrain animals safely

Unit 6 – Feeding, Accommodating and Moving Animals

Learning Aims

A Plan and provide food and water for animals

B Provide and maintain accommodation for animals

C Move animals safely

Unit Content

Knowledge and sector skills

Learning aim A Plan and provide food and water for animals

A1 Preparing feed and water for animals

Unit 3 undertake practical animal feeding
LO1 be able to select & prepare equipment & food to feed & water animals
LO2 be able to provide feed and water to animals
Unit 13 contribute to the care of exotic animals
LO3 understand the nutritional requirements of exotic animals
Unit 16 introduction to caring for horses
LO4 know the feeding requirements of horses

<p>A2 Providing feed and water for animals</p>	<p>Unit 3 undertake practical animal feeding LO2 be able to provide feed & water to animals LO3 be able to monitor animals feeding and watering and maintain appropriate records Unit 13 contribute to the care of exotic animals LO3 understand the nutritional requirements of exotic animals Unit 16 introduction to caring for horses LO4 know the feeding requirements of horses</p>
<p>Learning aim B Provide and maintain accommodation for animals</p>	
<p>B1 Selecting animal accommodation and equipment</p>	<p>Unit 2 maintain animal accommodation LO1 know how to prepare and maintain animal housing LO2 be able to clean & prepare housing & bedding for animals Unit 13 contribute to the care of exotic animals LO1 be able to prepare and maintain appropriate accommodation for exotic animals Unit 16 introduction to caring for horses LO2 be able to carry out stable management routines</p>
<p>B2 Maintaining animal accommodation</p>	<p>Unit 2 maintain animal accommodation LO3 be able to maintain animal housing LO2 be able to clean & prepare housing & bedding for animals Unit 13 contribute to the care of exotic animals LO1 be able to prepare and maintain appropriate accommodation for exotic animals Unit 16 introduction to caring for horses LO2 be able to carry out stable management routines</p>
<p>Learning aim C Move animals safely</p>	
<p>C1 Handling and restraining animals safely</p>	<p>Unit 6 Introduction to the principles & practices of animal behaviour & handling LO3 be able to handle & restrain animals safely LO4 Know how to handle and restrain animals safely</p>

C2 Moving animals

Unit 13 Contribute to the care of exotic animals

LO2 know how to source & transport exotic animals

Covered

Partially covered

Not covered