

BTEC Level 2 Technical Diploma in **EQUINE STUDIES**

Comparing unit content

**BTEC Level 2 Technical Diploma in Equine Studies
BTEC First in Horse Care (QCF – 2010)**

Introduction to BTEC Level 2 Technical Diploma in Equine Studies

This document maps the content of the new BTEC Level 2 Tech Diploma in Equine Studies (RQF), shown in the left-hand column, against the content of the current BTEC First in Horse 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 Horse 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 Horse 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.

Covered

Partially covered

Not covered

Purpose of the qualification

This qualification is for you if you want to start a career in equine studies. It is designed for post16 students and can be taken as part of a wider study programme. It is an ideal qualification if you are intending to progress directly to employment within the equine sector, or to an equine apprenticeship.

This qualification has been developed in consultation with employers within the equine sector to ensure it enables you to learn the skills and behaviours that will give you the best opportunity to be successful when applying for work. There are six mandatory units that relate directly to the skills, knowledge and behaviours expected by employers in the equine sector. The areas you will cover include:

- equine tack and equipment
- introduction to equine biology and health
- equine work placement
- working with horses
- practical equine behaviour
- practical yard duties.

You will be able to add two optional units to the mandatory content:

- horse preparation and plaiting
- riding horses on the flat.

You will also enhance your broader skills in literacy and numeracy, which will be invaluable in supporting progression in other areas. In addition, you 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 Equine Studies				
Unit number	Unit title	GLH	Type	How assessed
1	Equine Tack and Equipment	30	Mandatory	Internal
2	Introduction to Equine Biology and Health	60	Mandatory	External
3	Equine Care Work Placement	60	Mandatory	Internal
4	Principles of Working with Horses	60	Mandatory	External
5	Equine Preparation and Plaiting	30	Mandatory	Internal
6	Practical Equine Behaviour	60	Mandatory	Internal
7	Riding Horses on the Flat	60	Mandatory	Internal
8	Practical Yard Duties	60	Mandatory	Internal Synoptic

Covered

Partially covered

Not covered

BTEC Level 2 Technical Diploma in Equine Studies	BTEC First in Horse Care (QCF – 2010)
Unit 1 – Equine Tack and Equipment	
Learning Aims	
A Select horse and rider clothing and equipment	
B Undertake the correct fitting and maintenance of tack	
C Undertake the correct fitting and maintenance of horse clothing	
Unit Content	
Knowledge and sector skills	
Learning aim A Select horse and rider clothing and equipment	
<p>A1 Ranges and suitability of horse, rider and groom clothing and equipment</p>	<p>Unit 5 Fit and maintain horse tack and clothing LO1 Be able to fit and remove horse clothing</p>
<p>A2 Preparation prior to approaching horse</p>	<p>Unit 4 Undertake Horse Handling LO1 Be able to handle and restrain horses using specified methods LO2 Know how to handle and restrain horses.</p>

Learning aim B Undertake the correct fitting and maintenance of tack	
B1 Assessing tack for wear and tear and suitability for use	Unit 5 Fit and maintain horse tack and clothing LO3 Be able to clean and maintain tack
B2 Fitting tack correctly for purpose	Unit 5 Fit and maintain horse tack and clothing LO1 Be able to fit and remove horse clothing LO2 Be able to fit and remove tack for exercise LO4 Know how to fit horse clothing and tack
Learning aim C Undertake the correct fitting and maintenance of horse clothing	
C1 Importance of cleaning and maintenance	Unit 5 Fit and maintain horse tack and clothing LO3 Be able to clean and maintain tack
C2 Cleaning and storage	Unit 5 Fit and maintain horse tack and clothing LO3 Be able to clean and maintain tack
C3 Fitting rugs safely and correctly	Unit 5 Fit and maintain horse tack and clothing LO4 Know how to fit horse clothing and tack

Unit 2 – Introduction to Equine Biology and Health

Assessment Outcomes

<p>AO1 Demonstrate knowledge of structure, function and biological processes in equines</p> <p>Command words: complete, define, describe, explain, give, identify, label, name, state</p> <p>Marks: ranges from 1 to 4 marks</p>	
<p>AO2 Demonstrate understanding of biological processes related to equine health</p> <p>Command words: analyse, compare, complete, explain</p> <p>Marks: ranges from 1 to 4 marks</p>	
<p>AO3 Apply knowledge and understanding of biological processes related to equine health</p> <p>Command words: analyse, calculate, compare, describe, discuss, explain, give, identify, match, name, state</p> <p>Marks: ranges from 1 to 4 marks</p>	
<p>AO4 Analyse and make connections between equine biology and health in realistic scenarios</p> <p>Command words: analyse, assess, compare, describe, discuss, evaluate, explain, identify, select, state</p> <p>Marks: ranges from 1 to 6 marks</p>	

Essential Content

A Anatomy of the working horse

A1 Equine anatomical features

Unit 15 Understand the Principles of Horse Biology

LO1 Know the structure and function of the systems associated with support and movement

A2 Cardiovascular systems

Unit 15 Understand the Principles of Horse Biology

LO2 Know the structure and function of the cardiovascular system in the horse

B Equine Health

B1 Disease, infestations and disorders

Unit 6 Maintain Animal Health and Welfare

LO3 Know common diseases and disorders, their prevention and treatment

B2 Immune response

Unit 6 Maintain Animal Health and Welfare

LO3 Know common diseases and disorders, their prevention and treatment

Covered

Partially covered

Not covered

C Equine digestion and nutrition	
C1 Equine digestion	Unit 15 Understand the Principles of Horse Biology LO4 Know the structure and function of the digestive system in the horse.
C2 Dental structure and function	Unit 15 Understand the Principles of Horse Biology LO4 Know the structure and function of the digestive system in the horse.
C3 Essential nutrition	Unit 2: Carry Out and Understand the Principles of Feeding and Watering Horses LO3 Know how to work out a basic feed ration for a horse Unit 9: Introduction to Caring for Competition Horses LO1 Know how to assist with caring for competition horses
D Reproduction in horses	
D1 Reproductive system structure and function	Unit 11: Introduction to Equine Stud Practice LO1 Know the structure and function of the reproductive systems
D2 Genetics and heritability	
D3 Basic breeding	Unit 11: Introduction to Equine Stud Practice LO1 Know the structure and function of the reproductive systems

Unit 3 – Equine Work Placement	
Learning Aims	
A Investigate and apply for an equine care work placement	
B Demonstrate work skills relevant to an equine work placement	
C Appraise own equine work placement.	
Unit Content	
Knowledge and sector skills	
Learning aim A Investigate and apply for an equine 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 equine 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 horses	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 land-based 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 equine work placement	
C1 Appraisal of equine 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 – Principles of Working with Horses

Assessment Outcomes

AO1 Demonstrate knowledge of key principles and practices of maintaining equine welfare when working with horses

Command words: complete, define, describe, explain, give, identify, label, name, select, state

Marks: ranges from 1 to 4 marks

AO2 Demonstrate understanding of principles and practices of maintaining equine welfare when working with horses

Command words: analyse, compare, complete, explain, select

Marks: ranges from 1 to 4 marks

AO3 Apply knowledge and understanding of principles and practices of equine welfare when working with horses in different contexts

Command words: describe, give, identify, name, state

Marks: ranges from 1 to 4 marks

AO4 Analyse and make connections between principles and practices when working with horses in a range of different contexts

Command words: describe, give, identify, name, state

Marks: ranges from 1 to 6 marks

Essential Content

A Practical health and welfare

<p>A1 Working in equine industries</p>	<p>Unit 2: Carry Out and Understand the Principles of Feeding and Watering Horses</p> <p>LO1 Be able to feed and water horses LO2 Understand the principles of feeding and watering horses LO3 Know how to work out a basic feed ration for a horse LO4 Be able to work out a basic feed ration for a horse.</p> <p>Unit 3: Undertake Routine Stable Duties LO1 Be able to prepare, clean and maintain stables LO2 Be able to care and maintain storage and working areas LO3 Know how to undertake routine stable duties LO4 Know how to carry out appropriate daily checks on horses</p> <p>Unit 6: Maintain Animal Health and Welfare LO1 Be able to monitor and maintain the health and wellbeing of animals LO2 Know how to promote and maintain the welfare of animals</p>
<p>A2 Recognising signs of good and poor health</p>	<p>Unit 6: Maintain Animal Health and Welfare LO1 Be able to monitor and maintain the health and wellbeing of animals LO2 Know how to promote and maintain the welfare of animals</p> <p>Unit 15 Understand the Principles of Horse Biology LO4 Know the structure and function of the digestive system in the horse.</p>
<p>A3 Equine health</p>	<p>Unit 6: Maintain Animal Health and Welfare</p> <p>LO3 Know common diseases and disorders, their prevention and treatment</p> <p>LO4 Know the practices and principles of animal first aid.</p>
<p>A4 Body condition scoring</p>	<p>Unit 2: Carry Out and Understand the Principles of Feeding and Watering Horses</p> <p>LO4 Be able to work out a basic feed ration for a horse.</p>

<p>A5 Weighing horses</p>	<p>Unit 2: Carry Out and Understand the Principles of Feeding and Watering Horses</p> <p>LO4 Be able to work out a basic feed ration for a horse.</p>
<p>B Welfare needs</p>	
<p>B1 Legislation</p>	<p>Unit 6: Maintain Animal Health and Welfare LO2 Know how to promote and maintain the welfare of animals</p> <p>Unit 16: Environmental and Land based Business LO2 Know the relevant legislation and codes of practice within the environmental and land-based sector</p> <p>Unit 17: Participate in Providing Estate Maintenance LO1 Be able to select, transport and use a range of hand tools and equipment for estate maintenance LO4 Know how to work safely and minimise environmental damage</p>
<p>B2 Record keeping</p>	<p>Unit 2: Carry Out and Understand the Principles of Feeding and Watering Horses</p> <p>LO1 Be able to feed and water horses LO4 Be able to work out a basic feed ration for a horse</p> <p>Unit 3: Undertake Routine Stable Duties</p> <p>LO3 Know how to undertake routine stable duties LO4 Know how to carry out appropriate daily checks on horses</p> <p>Unit 6: Maintain Animal Health and Welfare</p> <p>LO1 Be able to monitor and maintain the health and wellbeing of animals LO2 Know how to promote and maintain the welfare of animals</p> <p>Unit 10: Introduction to the Principles of Horse Behaviour</p> <p>LO4 Be able to monitor and report on horse behaviour.</p>

<p>B3 Variation in welfare needs</p>	<p>Unit 10: Introduction to the Principles of Horse Behaviour</p> <p>LO1 Understand the roles of horses in society</p> <p>LO2 Know the natural lifestyle of the horse</p> <p>LO3 Understand the impact of domestication on the horse</p> <p>LO4 Be able to monitor and report on horse behaviour.</p>
<p>B4 Welfare needs of stable-kept horses</p>	<p>Unit 2: Carry Out and Understand the Principles of Feeding and Watering Horses</p> <p>LO2 Understand the principles of feeding and watering horses</p> <p>Unit 3: Undertake Routine Stable Duties</p> <p>LO1 Be able to prepare, clean and maintain stables</p> <p>LO3 Know how to undertake routine stable duties</p> <p>Unit 9: Introduction to Caring for Competition Horses</p> <p>LO1 Know how to assist with caring for competition horses</p> <p>Unit 10: Introduction to the Principles of Horse Behaviour</p> <p>LO3 Understand the impact of domestication on the horse</p> <p>Unit 11: Introduction to Equine Stud Practice</p> <p>LO3 Be able to handle mares and foals under supervision</p>
<p>B5 Welfare needs of field-kept horses</p>	<p>Unit 2: Carry Out and Understand the Principles of Feeding and Watering Horses</p> <p>LO2 Understand the principles of feeding and watering horses</p>

Unit 8: Introduction to Keeping Horses at Grass

LO1 Be able to assess grazing land for the introduction of horses

LO2 Be able to turn out and catch up horses from grazing land

LO3 Know how to maintain horses at grass.

Unit 17: Participate in Providing Estate Maintenance

LO1 Be able to select, transport and use a range of hand tools and equipment for estate maintenance

LO2 Be able to maintain estate boundaries

LO3 Be able to maintain surfaces or habitats

LO4 Know how to work safely and minimise environmental damage.

C Maintaining welfare

C1 Feeding and watering horses

Unit 2: Carry Out and Understand the Principles of Feeding and Watering Horses

LO1 Be able to feed and water horses

LO2 Understand the principles of feeding and watering horses

LO3 Know how to work out a basic feed ration for a horse

LO4 Be able to work out a basic feed ration for a horse.

C2 Grooming

Unit 4: Undertake Horse Handling

LO1 Be able to handle and restrain horses using specified methods

Unit 5: Fit and Maintain Horse Tack and Clothing

LO2 Be able to fit and remove tack for exercise

Unit 7: Undertake Horse Grooming, Trimming and Plaiting

LO1 Be able to clean and groom horses

LO2 Be able to trim and plait horses

LO3 Know how to prepare a horse to improve appearance.

Unit 9: Introduction to Caring for Competition Horses

LO3 Be able to assist with preparing a horse, tack and equipment for competition

LO5 Be able to assist with caring for a horse throughout the competition day

C3 Hoof care

Unit 6: Maintain Animal Health and Welfare

LO1 Be able to monitor and maintain the health and wellbeing of animals

C4 Care after exercise

Unit 6: Maintain Animal Health and Welfare

LO1 Be able to monitor and maintain the health and wellbeing of animals

Unit 5 – Equine Preparation and Plaiting

Learning Aims

A Explore safe methods of equine preparation to support different working situations

B Carry out safe grooming and bathing techniques for horses

C Carry out plaiting skills for horses

Unit Content

Knowledge and sector skills

Learning aim A Explore safe methods of equine preparation to support different working situations

A1 Working situations

Unit 7: Undertake Horse Grooming, Trimming and Plaiting

LO3 Know how to prepare a horse to improve appearance.

A2 Equine disciplines and purposes

Learning aim B Carry out safe grooming and bathing techniques for horses

B1 Grooming

Unit 7: Undertake Horse Grooming, Trimming and Plaiting

LO1 Be able to clean and groom horses

LO2 Be able to trim and plait horses

LO3 Know how to prepare a horse to improve appearance.

B2 Bathing

Unit 7: Undertake Horse Grooming, Trimming and Plaiting

LO1 Be able to clean and groom horses

LO2 Be able to trim and plait horses

LO3 Know how to prepare a horse to improve appearance.

Learning aim C Carry out plaiting skills for horses

C1 Plaiting a horse's mane and tail

Unit 7: Undertake Horse Grooming, Trimming and Plaiting

LO1 Be able to clean and groom horses

LO2 Be able to trim and plait horses

LO3 Know how to prepare a horse to improve appearance.

Unit 6 – Practical Equine behaviour

Learning Aims

A Explore horse evolution and domestication

B Investigate and interpret equine behaviour

C Assist in the management of horse behaviour

Unit Content

Knowledge and sector skills

Learning aim A Explore horse evolution and domestication

A1 Horse adaptations through evolution

Unit 10: Introduction to the Principles of Horse Behaviour

LO1 Understand the roles of horses in society

LO2 Know the natural lifestyle of the horse

LO3 Understand the impact of domestication on the horse

A2 Evolutionary impacts from horse domestication

Unit 10: Introduction to the Principles of Horse Behaviour

LO1 Understand the roles of horses in society

LO2 Know the natural lifestyle of the horse

LO3 Understand the impact of domestication on the horse

Learning aim B Investigate and interpret equine behaviour	
B1 Horse behaviours	<p>Unit 10: Introduction to the Principles of Horse Behaviour</p> <p>LO4 Be able to monitor and report on horse behaviour.</p> <p>Unit 11: Introduction to Equine Stud Practice</p> <p>LO5 Understand basic stallion behaviour and safe handling</p>
B2 Influences of horse domestication on horse behaviours	<p>Unit 10: Introduction to the Principles of Horse Behaviour</p> <p>LO4 Be able to monitor and report on horse behaviour</p>
B3 Horse communication	<p>Unit 10: Introduction to the Principles of Horse Behaviour</p> <p>LO4 Be able to monitor and report on horse behaviour</p>
B4 Observation of domesticated and non-domesticated behaviours	<p>Unit 10: Introduction to the Principles of Horse Behaviour</p> <p>LO4 Be able to monitor and report on horse behaviour</p>

Learning aim C Assist in the management of horse behaviours

C1 Reporting horse behaviours

Unit 10: Introduction to the Principles of Horse Behaviour

LO4 Be able to monitor and report on horse behaviour

C2 Management of common horse vices/stereotypic behaviour

Unit 7 – Riding Horses on the Flat

Learning Aims

A Explore safe riding techniques and suitability of surroundings

B Carry out correct mount, dismount and use of reins techniques

C Demonstrate walk, trot, canter and school movements

Unit Content

Knowledge and sector skills

Learning aim A Explore safe riding techniques and suitability of surroundings

A1 Health and safety

Unit 13: Introduction to Riding Horses on the Flat

LO1 Be able to prepare for ridden work on the flat

A2 Environmental factors

Unit 13: Introduction to Riding Horses on the Flat

LO1 Be able to prepare for ridden work on the flat

A3 Arena etiquette and safe horse riding

Unit 13: Introduction to Riding Horses on the Flat

LO1 Be able to prepare for ridden work on the flat

LO2 Be able to ride a horse safely in walk, trot and canter

LO3 Know how to mount, dismount and ride horses

LO4 Know how to ride on the road.

Learning aim B Carry out correct mount, dismount and use of reins techniques

<p>B1 Safety checks before mounting and dismounting a horse</p>	<p>Unit 13: Introduction to Riding Horses on the Flat</p> <p>LO1 Be able to prepare for ridden work on the flat</p> <p>LO2 Be able to ride a horse safely in walk, trot and canter</p> <p>LO3 Know how to mount, dismount and ride horses</p> <p>LO4 Know how to ride on the road.</p>
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<p>B2 Correct mount and dismount techniques</p>	<p>Unit 13: Introduction to Riding Horses on the Flat</p> <p>LO1 Be able to prepare for ridden work on the flat</p> <p>LO2 Be able to ride a horse safely in walk, trot and canter</p> <p>LO3 Know how to mount, dismount and ride horses</p> <p>LO4 Know how to ride on the road.</p>
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<p>B3 Safe use of reins and riding without stirrups</p>	<p>Unit 13: Introduction to Riding Horses on the Flat</p> <p>LO1 Be able to prepare for ridden work on the flat</p> <p>LO2 Be able to ride a horse safely in walk, trot and canter</p> <p>LO3 Know how to mount, dismount and ride horses</p> <p>LO4 Know how to ride on the road.</p>
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Learning aim C Demonstrate walk, trot, canter and school movements

<p>C1 Walk</p>	<p>Unit 13: Introduction to Riding Horses on the Flat</p> <p>LO1 Be able to prepare for ridden work on the flat</p> <p>LO2 Be able to ride a horse safely in walk, trot and canter</p> <p>LO3 Know how to mount, dismount and ride horses</p> <p>LO4 Know how to ride on the road.</p>
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<p>C2 Trot</p>	<p>Unit 13: Introduction to Riding Horses on the Flat</p> <p>LO1 Be able to prepare for ridden work on the flat</p> <p>LO2 Be able to ride a horse safely in walk, trot and canter</p> <p>LO3 Know how to mount, dismount and ride horses</p> <p>LO4 Know how to ride on the road.</p>
<p>C3 Canter</p>	<p>Unit 13: Introduction to Riding Horses on the Flat</p> <p>LO1 Be able to prepare for ridden work on the flat</p> <p>LO2 Be able to ride a horse safely in walk, trot and canter</p> <p>LO3 Know how to mount, dismount and ride horses</p> <p>LO4 Know how to ride on the road.</p>
<p>C4 School movements</p>	<p>Unit 13: Introduction to Riding Horses on the Flat</p> <p>LO1 Be able to prepare for ridden work on the flat</p> <p>LO2 Be able to ride a horse safely in walk, trot and canter</p> <p>LO3 Know how to mount, dismount and ride horses</p> <p>LO4 Know how to ride on the road.</p>

Unit 8 – Practical Yard Duties

Learning Aims

A Undertake stable daily duties

B Undertake horse handling and grooming practices

C Explore pasture maintenance

D Understand health and safety and emergency procedures in the yard

Unit Content

Knowledge and sector skills

Learning aim A Undertake stable daily duties

A1 Daily duties

Unit 3: Undertake Routine Stable Duties

LO1 Be able to prepare, clean and maintain stables

LO2 Be able to care and maintain storage and working areas

LO3 Know how to undertake routine stable duties

LO4 Know how to carry out appropriate daily checks on horses.

A2 Feeding and watering

Unit 2: Carry Out and Understand the Principles of Feeding and Watering Horses

LO1 Be able to feed and water horses

LO2 Understand the principles of feeding and watering horses

LO3 Know how to work out a basic feed ration for a horse

LO4 Be able to work out a basic feed ration for a horse.

Learning aim B Undertake horse handling and grooming practices	
B1 Safe horse handling	Unit 4 Undertake Horse Handling LO1 Be able to handle and restrain horses using specified methods LO2 Know how to handle and restrain horses.
B2 Grooming	Unit 7: Undertake Horse Grooming, Trimming and Plaiting LO1 Be able to clean and groom horses LO2 Be able to trim and plait horses LO3 Know how to prepare a horse to improve appearance.
Learning aim C Explore pasture maintenance	
C1 Paddock maintenance	Unit 17: Participate in Providing Estate Maintenance LO2 Be able to maintain estate boundaries LO4 Know how to work safely and minimise environmental damage.
C2 Importance of pasture maintenance	Unit 17: Participate in Providing Estate Maintenance LO2 Be able to maintain estate boundaries LO4 Know how to work safely and minimise environmental damage.
Learning aim D Understand health and safety and emergency procedures in the yard	
D1 Safety and first aid	Unit 6: Maintain Animal Health and Welfare LO4 Know the practices and principles of animal first aid. Unit 17: Participate in Providing Estate Maintenance LO4 Know how to work safely and minimise environmental damage