

# Mapping Lantra Awards to BTEC Level 3 Nationals in

# Countryside Management







**Pearson BTEC** and **Lantra Awards** have teamed-up to offer your Level 3 learners comprehensive study programmes designed around specific land-based occupations offering your learners additional key work-based skills to help them pursue a career in this sector.

This exciting new combination means **BTEC Level 3 Nationals** learners can:

- acquire the key industry skills, knowledge and regulatory certification employers in this sector expect and look for
- cover some of the content for the Lantra Awards legislative tests within their current BTEC study programmes
- be confident they have the skills they will need to get their career off to the best possible start.

This mapping document will help you see what's already covered within your BTEC Nationals specification and any additional requirements needed in order to deliver specific Lantra awards.

### Contents

The following Lantra Awards courses complement your BTEC Nationals in Countryside Management course:

- ▶ **Lantra Awards Level 2 Award in Chainsaw Maintenance (600/5699/X)**
- ▶ **Lantra Awards Level 2 Award in Cross-cut Timber Using a Chainsaw (600/5700/2)**
- ▶ **Lantra Awards Level 2 Award in Felling and Processing Trees up to 380mm (600/5703/8)**
- ▶ **Lantra Awards Technical Award in in All Terrain Vehicle – Sit-In Conventional Steer**
- ▶ **Lantra Awards Technical Award in Health and Safety for Agriculture and Horticulture**
- ▶ **Lantra Awards Technical Award in Fencing and Gate Installation**
- ▶ **Lantra Awards Technical Award in Safe Use and Handling – Shotgun**
- ▶ **Lantra Awards Technical Award in Safe Use and Handling – Rifle**





## Lantra Awards Level 2 Award in Chainsaw Maintenance (600/5699/X)

Assessment Criteria **mapped** to BTEC Level 3 National in Countryside Management Units

Lantra Learning Outcomes	Lantra Assessment Criteria	BTEC Unit Title	BTEC Learning Aim
1. Be able to work safely.	1.1. Identify the hazards and risks associated with the working area and the proposed work	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<p><b>A: Investigate the safe use of chainsaws, including site and tree inspections associated with chainsaw operations</b></p> <p>A1: Chainsaws and their safe use A2: Site and tree inspection</p> <p><b>B: Carry out the maintenance of a petrol-driven chainsaw to maintain efficiency and safety</b></p> <p>B1: Checking the chain and sprocket, and sharpening B2: Maintaining the engine and saw B3: Checking safety features</p>
		<b>Unit 1: Professional Working Responsibilities</b>	<p><b>A: Professional responsibilities associated with the workplace</b></p> <p>A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b></p> <p>B1: Introduction to health and safety and associated legislation B2: Safe working practices B3: Risk assessment B4: Schematics and maps B5: Purpose of risk assessment</p>



	1.2. Use appropriate tools, equipment and personal protective equipment (PPE)	<p><b>Unit 18: Tree Felling and Chainsaw Safety</b></p>	<p><b>A: Investigate the safe use of chainsaws, including site and tree inspections associated with chainsaw operations</b> A1: Chainsaws and their safe use</p> <p><b>B: Carry out the maintenance of a petrol-driven chainsaw to maintain efficiency and safety</b> B1: Checking the chain and sprocket, and sharpening B3: Checking safety features</p>
		<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>A: Professional responsibilities associated with the workplace</b> A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b> B1: Introduction to health and safety and associated legislation B2: Safe working practices B3: Risk assessment</p>
	1.3. Work in a way which maintains health and safety and is consistent with relevant legislation and industry good practice	<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>A: Professional responsibilities associated with the workplace</b> A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b> B1: Introduction to health and safety and associated legislation B2: Safe working practices B3: Risk assessment</p>



# Mapping Lantra Awards to BTEC Level 3 Nationals in Countryside Management

	1.4. Carry out work to minimise environmental damage	<b>Unit 1: Professional Working Responsibilities</b>	<b>C: Managing waste responsibly and safely</b>  C1: Animal, plant and non-organic waste C2: Legal responsibilities for waste management C3: Environmental and waste management policies, plans and audits
	1.5. Dispose of waste safely in line with legislation		
<b>2. Be able to carry out maintenance of chainsaw and cutting system</b>	2.1. Check all safety features on the chainsaw are present and not damaged	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<b>A: Investigate the safe use of chainsaws, including site and tree inspections associated with chainsaw operations</b> A1: Chainsaws and their safe use  <b>B: Carry out the maintenance of a petrol-driven chainsaw to maintain efficiency and safety</b> B1: Checking the chain and sprocket, and sharpening B3: Checking safety features
	2.2. Select appropriate maintenance tools for the power unit and cutting systems in accordance with operator's handbook		
	2.4. Maintain cutting system in accordance with operator's handbook using appropriate tools	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<b>C: Use accepted working practices to fell and cross-cut small diameter trees</b> C1: Work organisation C2: Cross-cutting techniques C3: Felling techniques and procedure
	2.6. Clean and tidy working area	<b>Unit 1: Professional Working Responsibilities</b>	<b>A: Professional responsibilities associated with the workplace</b> A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace  <b>B: Health and safety responsibilities</b> B1: Introduction to health and safety and associated legislation B2 :Safe working practices B3 :Risk assessment  <b>C: Managing waste responsibly and safely</b>



			<p>C1: Animal, plant and non-organic waste            C2: Legal responsibilities for waste management            C3: Environmental and waste management policies, plans and audits</p>
<b>3. Be able to carry out operational chainsaw checks</b>	3. Be able to carry out operational chainsaw checks	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<p><b>A: Investigate the safe use of chainsaws, including site and tree inspections associated with chainsaw operations</b>            A1: Chainsaws and their safe use</p> <p><b>B: Carry out the maintenance of a petrol-driven chainsaw to maintain efficiency and safety</b>            B1: Checking the chain and sprocket, and sharpening            B3: Checking safety features</p>
	3.2. Demonstrate safe starting of the chainsaw		
	3.3. Demonstrate post operational checks.		
<b>4. Know relevant health and safety legislation and industry good practice</b>	4.1. Outline key health and safety legislation and industry good practice	<b>Unit 1: Professional Working Responsibilities</b>	<p><b>A: Professional responsibilities associated with the workplace</b>            A1: Characteristics of professional working responsibilities and sources of relevant information            A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b>            B1: Introduction to health and safety and associated legislation            B2: Safe working practices            B3: Risk assessment            B4: Schematics and maps            B5: Purpose of risk assessment</p>
	4.2. Outline the emergency planning and procedures relevant to the working area		
	4.3. Describe how environmental damage can be caused and minimised.	<b>Unit 1: Professional Working Responsibilities</b>	<p><b>C: Managing waste responsibly and safely</b>            C1: Animal, plant and non-organic waste            C2: Legal responsibilities for waste management            C3: Environmental and waste management policies, plans and audits</p>
	4.4. Describe the correct methods for disposing waste.		



	4.5. Identify appropriate personal protective equipment	<b>Unit 1: Professional Working Responsibilities</b>	<p><b>A: Professional responsibilities associated with the workplace</b>            A1: Characteristics of professional working responsibilities and sources of relevant information            A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b>            B1: Introduction to health and safety and associated legislation            B2: Safe working practices</p>
5. Know how to carry out maintenance of chainsaw and cutting system	5.1. Explain the function(s) of all safety features	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<p><b>C: Use accepted working practices to fell and cross-cut small diameter trees</b>            C1: Work organisation            C2: Cross-cutting techniques            C3: Felling techniques and procedure</p>
	5.6. Explain why it is important to maintain chainsaws to manufacturer's recommendations	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<p><b>B: Carry out the maintenance of a petrol-driven chainsaw to maintain efficiency and safety</b>            B1: Checking the chain and sprocket, and sharpening            B3: Checking safety features</p>





## Lantra Award Assessment Criteria **not covered**

Lantra Learning Outcomes	Lantra Assessment Criteria
2. Be able to carry out maintenance of chainsaw and cutting system	2.3. Maintain power unit in accordance with operator's handbook using appropriate tools 2.5. Reassemble chainsaw and cutting system to functional/operational standard
5. Know how to carry out maintenance of chainsaw and cutting system	5.2. Explain the function and maintenance requirements of individual components: <ul style="list-style-type: none"><li>• spark plug</li><li>• air filter</li><li>• chainbrake</li><li>• cooling system</li><li>• exhaust system</li><li>• clutch/drive system</li><li>• sprocket</li><li>• starter mechanism/recoil system</li><li>• greasing/lubrication</li><li>• guide bar</li><li>• chain</li></ul> 5.3. Describe the problems encountered when chain and guidance bar are worn, damaged or poorly maintained 5.4. Explain how to select the correct filing information for chain and why this is necessary 5.5. Identify different chain types and their application 5.7. State steps to be taken when a chainsaw is not repairable, faulty or non-operational.





## Lantra Awards Level 2 Award in Cross-cut Timber Using a Chainsaw (600/5700/2)

### Assessment Criteria mapped to BTEC Level 3 National in Countryside Management Units

Lantra Learning Outcomes	Lantra Assessment Criteria	BTEC Unit Title	BTEC Learning Aim
1. Be able to work safely.	1.1. Identify the hazards and risks associated with the working area and the proposed work	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<p><b>A: Investigate the safe use of chainsaws, including site and tree inspections associated with chainsaw operations</b></p> <p>A1: Chainsaws and their safe use A2: Site and tree inspection</p> <p><b>B: Carry out the maintenance of a petrol-driven chainsaw to maintain efficiency and safety</b></p> <p>B1: Checking the chain and sprocket, and sharpening B2: Maintaining the engine and saw B3: Checking safety features</p>
		<b>Unit 1: Professional Working Responsibilities</b>	<p><b>A: Professional responsibilities associated with the workplace</b></p> <p>A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b></p> <p>B1: Introduction to health and safety and associated legislation B2: Safe working practices B3: Risk assessment B4: Schematics and maps B5: Purpose of risk assessment</p>
	1.2. Use appropriate tools, equipment and personal protective equipment (PPE)	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<p><b>A: Investigate the safe use of chainsaws, including site and tree inspections associated with chainsaw operations</b></p> <p>A1: Chainsaws and their safe use</p>



			<p><b>B: Carry out the maintenance of a petrol-driven chainsaw to maintain efficiency and safety</b>            B1: Checking the chain and sprocket, and sharpening            B3: Checking safety features</p>
		<b>Unit 1: Professional Working Responsibilities</b>	<p><b>A: Professional responsibilities associated with the workplace</b>            A1: Characteristics of professional working responsibilities and sources of relevant information            A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b>            B1: Introduction to health and safety and associated legislation            B2: Safe working practices            B3: Risk assessment</p>
	1.3. Work in a way which maintains health and safety and is consistent with relevant legislation and industry good practice	<b>Unit 1: Professional Working Responsibilities</b>	<p><b>A: Professional responsibilities associated with the workplace</b>            A1: Characteristics of professional working responsibilities and sources of relevant information            A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B :Health and safety responsibilities</b>            B1: Introduction to health and safety and associated legislation            B2: Safe working practices            B3: Risk assessment</p>
	1.4. Carry out work to minimise environmental damage	<b>Unit 1: Professional Working Responsibilities</b>	<p><b>C: Managing waste responsibly and safely</b>            C1: Animal, plant and non-organic waste            C2: Legal responsibilities for waste management            C3: Environmental and waste management policies, plans and audits</p>



<b>2. Be able to cross-cut timber using a chainsaw</b>	2.1. Carry out pre-start checks and setting of the machine for use	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<p><b>A: Investigate the safe use of chainsaws, including site and tree inspections associated with chainsaw operations</b>                      A1: Chainsaws and their safe use                      A2: Site and tree inspection</p> <p><b>B: Carry out the maintenance of a petrol-driven chainsaw to maintain efficiency and safety</b>                      B1: Checking the chain and sprocket, and sharpening                      B2: Maintaining the engine and saw                      B3: Checking safety features</p> <p><b>C: Use accepted working practices to fell and cross-cut small diameter tree</b>                      C1: Work organisation                      C2: Cross-cutting techniques                      C3: Felling techniques and procedure</p>
	2.2. Inspect timber to identify tension and compression	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<p><b>C :Use accepted working practices to fell and cross-cut small diameter tree</b>                      C1: Work organisation                      C2: Cross-cutting techniques                      C3: Felling techniques and procedure</p>
	2.3. Demonstrate safe starting of the chainsaw	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<p><b>A :Investigate the safe use of chainsaws, including site and tree inspections associated with chainsaw operations</b>                      A1: Chainsaws and their safe use                      A2: Site and tree inspection</p> <p><b>B: Carry out the maintenance of a petrol-driven chainsaw to maintain efficiency and safety</b>                      B1: Checking the chain and sprocket, and sharpening                      B2: Maintaining the engine and saw                      B3: Checking safety features</p>



	<p>2.4. Cross-cut timber to length using a chainsaw in accordance with the job specification</p> <p>2.5. Use appropriate boring cuts to initiate either tension or compression cuts</p> <p>2.6. Stack produce for subsequent operations using appropriate aids and tools</p> <p>2.7. Check timber is in an appropriate and safe position</p>	<p><b>Unit 18: Tree Felling and Chainsaw Safety</b></p>	<p><b>C: Use accepted working practices to fell and cross-cut small diameter trees</b></p> <p>C1: Work organisation</p> <p>C2: Cross-cutting techniques</p> <p>C3: Felling techniques and procedure</p>
	<p>2.8. Clean and tidy working area</p>	<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>A: Professional responsibilities associated with the workplace</b></p> <p>A1: Characteristics of professional working responsibilities and sources of relevant information</p> <p>A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B :Health and safety responsibilities</b></p> <p>B1: Introduction to health and safety and associated legislation</p> <p>B2: Safe working practices</p> <p>B3: Risk assessment</p> <p><b>C: Managing waste responsibly and safely</b></p> <p>C1: Animal, plant and non-organic waste</p> <p>C2: Legal responsibilities for waste management</p> <p>C3: Environmental and waste management policies, plans and audits</p>





<b>3. Know relevant health and safety legislation and industry good practice.</b>	3.1. Outline the key health and safety legislation and industry good practice	<b>Unit 1: Professional Working Responsibilities</b>	<b>A: Professional responsibilities associated with the workplace</b> A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace  <b>B: Health and safety responsibilities</b> B1: Introduction to health and safety and associated legislation B2: Safe working practices B3: Risk assessment B4: Schematics and maps B5: Purpose of risk assessment
	3.2. Outline the emergency planning procedures relevant to the working area		
	3.3. Describe how to use and maintain tools and equipment	<b>Unit 1: Professional Working Responsibilities</b>	<b>C: Managing waste responsibly and safely</b> C1: Animal, plant and non-organic waste C2: Legal responsibilities for waste management C3: Environmental and waste management policies, plans and audits
	3.4. Describe how environmental damage can be minimised		
<b>4. Know how to cross-cut timber using a chainsaw.</b>	4.2. State recognised methods required to cross-cut timber above guide bar length	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<b>C: Use accepted working practices to fell and cross-cut small diameter trees</b> C1: Work organisation C2: Cross-cutting techniques C3: Felling techniques and procedure



## Lantra Award Assessment Criteria **not covered**

Lantra LO	Lantra Assessment Criteria
4. Know how to cross-cut timber using a chainsaw.	4.1. Describe tension and compression in timber
	4.3. Describe how to safely move timber: <ul style="list-style-type: none"><li>• By hand</li><li>• With the use of aid tools • Mechanical assistance.</li></ul>
	4.4. Explain how to grade and present logs for extraction and further processing
	4.5. State precautions to take to avoid uncontrolled timber movement
	4.6. Describe how to apply ergonomic working methods



## Lantra Awards Level 2 Award in Felling and Processing Trees up to 380mm (600/5703/8) Assessment Criteria mapped to BTEC Level 3 National in Countryside Management Units

Lantra Learning Outcomes	Lantra Assessment Criteria	BTEC Unit Title	BTEC Learning Aim
1. Be able to work safely.	1.1. Identify the hazards and risks associated with the working area and the proposed work	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<p><b>A: Investigate the safe use of chainsaws, including site and tree inspections associated with chainsaw operations</b></p> <p>A1: Chainsaws and their safe use A2: Site and tree inspection</p> <p><b>B: Carry out the maintenance of a petrol-driven chainsaw to maintain efficiency and safety</b></p> <p>B1: Checking the chain and sprocket, and sharpening B2: Maintaining the engine and saw B3: Checking safety features</p>
		<b>Unit 1: Professional Working Responsibilities</b>	<p><b>A: Professional responsibilities associated with the workplace</b></p> <p>A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B :Health and safety responsibilities</b></p> <p>B1: Introduction to health and safety and associated legislation B2: Safe working practices B3: Risk assessment B4: Schematics and maps B5: Purpose of risk assessment</p>



	1.2. Use appropriate tools, equipment and personal protective equipment (PPE)	<p><b>Unit 18: Tree Felling and Chainsaw Safety</b></p>	<p><b>A: Investigate the safe use of chainsaws, including site and tree inspections associated with chainsaw operations</b> A1: Chainsaws and their safe use</p> <p><b>B: Carry out the maintenance of a petrol-driven chainsaw to maintain efficiency and safety</b> B1: Checking the chain and sprocket, and sharpening B3: Checking safety features</p>
		<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>A: Professional responsibilities associated with the workplace</b> A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b> B1: Introduction to health and safety and associated legislation B2: Safe working practices B3: Risk assessment</p>
	1.3. Work in a way which maintains health and safety and is consistent with relevant legislation and industry good practice	<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>A: Professional responsibilities associated with the workplace</b> A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b> B1: Introduction to health and safety and associated legislation</p>





			B2: Safe working practices B3: Risk assessment
	1.4. Carry out work to minimise environmental damage	<b>Unit 1: Professional Working Responsibilities</b>	<b>C: Managing waste responsibly and safely</b> C1: Animal, plant and non-organic waste C2: Legal responsibilities for waste management C3: Environmental and waste management policies, plans and audits
	1.5. Dispose of waste safely in line with legislation		
<b>2. Be able to fell and process trees up to 380mm.</b>	2.2. Prepare trees appropriately to the tree condition and the specification for the site	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<b>C: Use accepted working practices to fell and cross-cut small diameter trees</b> C1: Work organisation C2: Cross-cutting techniques C3: Felling techniques and procedure
	2.3. Carry out pre-start checks and setting of the chainsaw	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<b>C: Use accepted working practices to fell and cross-cut small diameter trees</b> C1: Work organisation C2: Cross-cutting techniques C3: Felling techniques and procedure
	2.4. Demonstrate safe starting of the chainsaw		
	2.5. Fell trees using recognised felling methods and felling aids	<b>Unit 18: Tree Felling and Chainsaw Safety</b>	<b>C: Use accepted working practices to fell and cross-cut small diameter trees</b> C1: Work organisation C2: Cross-cutting techniques C3: Felling techniques and procedure
	2.6. Remove branches from felled trees using a recognised method		
	2.10. Cross-cut timber to length in accordance with the specification		
	2.11. Stack produce for subsequent operations using appropriate aids and tools		
	2.12. Check timber is in an appropriate and safe position		
	2.13. Clean and tidy working area		



<b>3. Know relevant health and safety legislation and industry good practice.</b>	3.1. Outline the key health and safety legislation and industry good practice	<b>Unit 1: Professional Working Responsibilities</b>	<b>A: Professional responsibilities associated with the workplace</b> A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace  <b>B: Health and safety responsibilities</b> B1: Introduction to health and safety and associated legislation B2: Safe working practices B3: Risk assessment B4: Schematics and maps B5: Purpose of risk assessment  <b>C Managing waste responsibly and safely</b> C1: Animal, plant and non-organic waste C2: Legal responsibilities for waste management C3: Environmental and waste management policies, plans and audits
	3.2. Outline the emergency planning procedures relevant to the work area		<b>Unit 18: Tree Felling and Chainsaw Safety</b>
	3.3. Describe how to use and maintain tools, equipment and personal protective equipment		



3.4. Describe how environmental damage can be caused and minimised		<b>Unit 1: Professional Working Responsibilities</b>	<b>C: Managing waste responsibly and safely</b> C1: Legal responsibilities for waste management C3: Environmental and waste management policies, plans and audits
3.5. Describe the correct methods for disposing of waste			

## Lantra Award Assessment Criteria **not covered**

Lantra Learning Outcomes	Lantra Assessment Criteria
<b>2. Be able to fell and process trees up to 380mm.</b>	2.1. Prepare site and establish escape route(s) as appropriate. 2.9. Take down a hung-up tree using hand tools 2.7. Turn tree and remove under branches using appropriate aid tools and method(s) where appropriate 2.8. Select take down method which is relevant to the hung-up tree size, form and condition. 2.9. Take down a hung-up tree using hand tools
<b>3. Know relevant health and safety legislation and industry good practice.</b>	3.6. Describe the legal and environmental factors for felling trees
<b>4. Know how to fell and process trees up to 380mm.</b>	4.1. Describe how to identify which trees need to be felled 4.2. Describe alternative felling techniques for trees up to 200mm for: <ul style="list-style-type: none"> <li>• Upright trees</li> <li>• Backward leaning trees</li> <li>• Trees heavily leaning/weighted in the intended felling direction</li> </ul> 4.3. Describe felling techniques for felling trees over 200mm for: <ul style="list-style-type: none"> <li>• Upright trees</li> <li>• Backward leaning trees</li> <li>• Trees heavily leaning/weighted in the intended felling direction.</li> </ul> 4.4. Describe how to recognise signs of disease and decay in trees and modify felling methods accordingly 4.5. Explain the advantages of setting up or using a natural felling bench, brash mat or similar support prior to felling 4.6. Explain how and when to use additional equipment, to assist with the felling of trees 4.7. State how to recognise when a tree is difficult to fell



	4.8. Describe the additional safeguards to implement when felling: <ul style="list-style-type: none"><li>• In proximity to paths</li><li>• Roads or areas with public access</li><li>• Underground/above ground wayleaves</li></ul>
<b>5. Know how to remove branches from felled trees using a chainsaw</b>	5.1. Describe how the method of removing branches will vary with tree species
	5.2. Describe how to identify tension and compression in branches
	5.3. State the risks to consider when removing branches
	5.4. State how and when to use equipment to assist with the snedding/de-limbing of trees
	5.5. Describe a technique for removing branches above shoulder height
	5.6. Explain the advantages of leaving a clean stem after snedding/de-limbing
	5.7. State how to deal with arisings after snedding/delimbing
<b>6. Know how to take down hung up trees</b>	6.1. Describe take down methods for a range of tree sizes
	6.2. Describe take down methods for trees using winches and other manual and mechanical means
	6.3. Identify where the danger areas are in relation to the trees being taken down
	6.4. State incorrect techniques for dealing with hung up trees
	6.5. Describe the appropriate actions to take if a tree cannot be taken down





## Lantra Awards Technical Award in in All Terrain Vehicle – Sit-In Conventional Steer

### Learning outcomes **mapped** to BTEC Level 3 National in Countryside Management Units

**NB:** Mapping is from Lantra Awards Learning Outcomes only, not from any assessment criteria

Lantra Learning Outcome	BTEC Unit Title	BTEC Learning Aim
<p><b>1. Comply with safety and legal requirements, with an emphasis on safe practices, warning signs and guards</b></p>	<p><b>Unit 10: Land-based Machinery Operations</b></p>	<p><b>A: Investigate the types, purpose and safe operation of land-based machinery</b>                      A1: Types of machine and their purpose                      A2: Principles of operation                      A3: Range of conditions in which machinery may be operated                      A4: Health and safety considerations</p> <p><b>B: Operate land-based machinery safely to complete a practical task</b>                      B1: Preparation                      B2: Operation</p> <p><b>C: Maintain land-based machinery safely in order to sustain its effectiveness</b>                      C1: Maintenance                      C2: Servicing and repair</p>
<p><b>2. State the recommended personal protective equipment [PPE] for safe operation in all conditions</b></p>	<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>B :Health and safety responsibilities</b>                      B1: Introduction to health and safety and associated legislation                      B2: Safe working practices                      B3: Risk assessment</p>
<p><b>3. Describe the construction and working principles of the machine</b></p>	<p><b>Unit 10: Land-based Machinery Operations</b></p>	<p><b>A: Investigate the types, purpose and safe operation of land-based machinery</b>                      A1: Types of machine and their purpose                      A2: Principles of operation                      A3: Range of conditions in which machinery may be operated                      A4: Health and safety considerations</p>



		<p><b>B: Operate land-based machinery safely to complete a practical task</b>            B1: Preparation            B2: Operation</p> <p><b>C: Maintain land-based machinery safely in order to sustain its effectiveness</b>            C1: Maintenance            C2: Servicing and repair</p>
<b>4. Identify the risks associated with use of an ATV</b>	<b>Unit 10: Land-based Machinery Operations</b>	<p><b>A: Investigate the types, purpose and safe operation of land-based machinery</b>            A1 Types of machine and their purpose            A2 Principles of operation            A3: Range of conditions in which machinery may be operated            A4: Health and safety considerations</p> <p><b>B: Operate land-based machinery safely to complete a practical task</b>            B1: Preparation            B2: Operation</p> <p><b>C: Maintain land-based machinery safely in order to sustain its effectiveness</b>            C1: Maintenance            C2: Servicing and repair</p>
<b>5. Identify the controls and components and understand the function of all instruments</b>		
<b>6. Prepare the ATV for work, including checking, and adjusting safety devices, as indicated in the manufacturer's manual</b>	<b>Unit 10: Land-based Machinery Operations</b>	<p><b>A: Investigate the types, purpose and safe operation of land-based machinery</b>            A1 Types of machine and their purpose            A2 Principles of operation            A3: Range of conditions in which machinery may be operated            A4: Health and safety considerations</p> <p><b>B: Operate land-based machinery safely to complete a practical task</b>            B1: Preparation            B2: Operation</p> <p><b>C: Maintain land-based machinery safely in order to sustain its effectiveness</b></p>



C1: Maintenance  
C2: Servicing and repair

## Lantra Award Assessment Criteria **not covered**

### Lantra Learning Outcomes

7. Carry out all pre-riding checks for faulty or dangerous components
8. Understand the importance and procedures to report any faults with the machine
9. Start up and operate the machine safely, in a range of different terrain and ground conditions
10. Perform a 'controlled stop' (emergency stop) without locking the wheels
11. Perform a failed hill climb
12. Identify the loading and towing capacities of an ATV
13. Assess which loads/mounted implements are suitable for their ATV and situation
14. Assess which trailed implements are suitable for their ATV and situation
15. Use the machine safely with loads/mounted and/or trailed equipment in a range of ground conditions
16. Correctly hitch a trailer or trailed implement and manoeuvre forwards and backwards through a defined course
17. Perform 'after-use' maintenance
18. Understand legal and practical requirements for travelling on the public road
19. Use the manufacturer's manual



## Lantra Awards Level 2 Award in Health and Safety for Agriculture and Horticulture

### Assessment Criteria mapped to BTEC Level 3 National in Countryside Management Units

Lantra Learning Outcomes	Lantra Assessment Criteria	BTEC Unit Title	BTEC Learning Aim
<b>1. Understand the effects accidents and ill health can have upon businesses and people</b>	1.1. Identify the effects that work-related accidents, incidents and ill health can have on people	<b>Unit 1: Professional Working Responsibilities</b>	<b>A: Professional responsibilities associated with the workplace</b> A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace  <b>B: Health and safety responsibilities</b> B1: Introduction to health and safety and associated legislation B2: Safe working practices
	1.2. Identify the effects that work-related accidents, incidents and ill health can have on businesses		
<b>2. Know the roles within the workplace that relate to health and safety</b>	2.1. Identify the responsibilities of an employee in relation to health and safety in the workplace	<b>Unit 1: Professional Working Responsibilities</b>	<b>A: Professional responsibilities associated with the workplace</b> A1: Characteristics of professional working responsibilities and sources of relevant information A2: Characteristics and scope of personal responsibilities in the workplace  <b>B: Health and safety responsibilities</b> B1: Introduction to health and safety and associated legislation B2: Safe working practices B3: Risk assessment B4: Schematics and maps B5: Purpose of risk assessment



	<p>2.2. Identify the responsibilities of an employer in relation to health and safety in the workplace</p>	<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>A: Professional responsibilities associated with the workplace</b>  A1: Characteristics of professional working responsibilities and sources of relevant information  A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b>  B1: Introduction to health and safety and associated legislation  B2: Safe working practices  B3: Risk assessment  B4: Schematics and maps  B5: Purpose of risk assessment</p>
<p><b>3. Know how to cooperate with others to improve health and safety</b></p>	<p>2.3. Identify employee responsibilities relating to the use, care and replacement of Personal and Protective Equipment (PPE) provided for use at work</p> <p>3.1. Identify the benefits of working with others to improve health and safety</p>	<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>A: Professional responsibilities associated with the workplace</b>  A1: Characteristics of professional working responsibilities and sources of relevant information  A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b>  B1: Introduction to health and safety and associated legislation  B2: Safe working practices  B3: Risk assessment  B4: Schematics and maps  B5: Purpose of risk assessment</p> <p><b>C: Managing waste responsibly and safely</b>  C1: Animal, plant and non-organic waste  C2: Legal responsibilities for waste management  C3: Environmental and waste management policies, plans and audits</p>



<p><b>4. Understand how personal work activities can affect the health and safety of others</b></p>	<p>4.1. Identify how personal work activities can affect the health and safety of others</p>	<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>A: Professional responsibilities associated with the workplace</b>            A1: Characteristics of professional working responsibilities and sources of relevant information            A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b>            B1: Introduction to health and safety and associated legislation            B2: Safe working practices            B3: Risk assessment            B4: Schematics and maps            B5: Purpose of risk assessment</p>
<p><b>5. Know the consequences of safe and unsafe behaviour and the impact on workplace attitudes</b></p>	<p>5.1. Identify examples of safe and unsafe behaviours in the workplace</p>	<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>A: Professional responsibilities associated with the workplace</b>            A1: Characteristics of professional working responsibilities and sources of relevant information            A2: Characteristics and scope of personal responsibilities in the workplace</p> <p><b>B: Health and safety responsibilities</b>            B1: Introduction to health and safety and associated legislation            B2: Safe working practices            B3: Risk assessment            B4: Schematics and maps            B5 Purpose of risk assessment</p>
	<p>5.2. Identify the consequences of unsafe behaviours in the workplace</p>		





<p><b>7. Know appropriate measures to control risks in the land-based sector</b></p>	<p>7.1. Identify appropriate measures to control risks in a named land-based environment</p>	<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>C: Managing waste responsibly and safely</b>            C1: Animal, plant and non-organic waste            C2: Legal responsibilities for waste management            C3: Environmental and waste management policies, plans and audits</p>
	<p>7.3. Identify the significance of a risk assessment and safe system of work prepared by the employer</p>	<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>B: Health and safety responsibilities</b>            B1: Introduction to health and safety and associated legislation            B2: Safe working practices            B3: Risk assessment            B4: Schematics and maps            B5: Purpose of risk assessment</p>
	<p>7.4. Identify the risks and appropriate control measures for significant hazards or workplace activities, including:</p> <ul style="list-style-type: none"> <li>• Workplace transport</li> <li>• Working at height</li> <li>• Working with machinery</li> <li>• Manual handling</li> <li>• Working with high noise levels</li> <li>• High levels of dust and asthmagens</li> <li>• Hazardous substances</li> <li>• Working in confined spaces/excavations</li> <li>• Working with electricity</li> <li>• Slips, trips and falls.</li> </ul>	<p><b>Unit 1: Professional Working Responsibilities</b></p>	<p><b>B: Health and safety responsibilities</b>            B1: Introduction to health and safety and associated legislation            B2: Safe working practices            B3: Risk assessment            B4: Schematics and maps</p> <p><b>C: Managing waste responsibly and safely</b>            C1: Animal, plant and non-organic waste            C2: Legal responsibilities for waste management            C3: Environmental and waste management policies, plans and audits</p>



	7.5. State what to do in the event of an accident	<b>Unit 1: Professional Working Responsibilities</b>	<b>B: Health and safety responsibilities</b>  B1: Introduction to health and safety and associated legislation B2: Safe working practices B3: Risk assessment B4: Schematics and maps B5: Purpose of risk assessment
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## Lantra Award Assessment Criteria **not covered**

Lantra Learning Outcome	Lantra Assessment Criteria
3. Know how to cooperate with others to improve health and safety	3.2. Identify issues that require consultation between employee and employer 3.3. State ways in which the employee might contribute to a positive health and safety culture
6. Know the major sources of accident and ill health in the work environment	6.1. Know the main sources of accidents in the work environment 6.2. Know the main sources of ill health in the work environment
7. Know appropriate measures to control risks in the land-based sector	7.2. State why manufacturer's instructions for the use of equipment, materials and products should be followed
8. Understand the importance of checking that the measures in place to protect health and safety are properly maintained	8.1. Identify the benefits of regular checks of vehicles, work equipment and safety equipment



## Lantra Awards Technical Award in Fencing and Gate Installation

Learning outcomes **mapped** to BTEC Level 3 National in Countryside Management Units

**NB:** Mapping is from Lantra Awards Learning Outcomes only, not from any assessment criteria

Lantra Learning Outcome	BTEC Unit Title	BTEC Learning Aim
<b>1. Describe the key requirements of health, safety and environmental legislation</b>	<b>Unit 5: Countryside Estate Skills Activities</b>	<p><b>A: Explore estate skills for the management and maintenance of habitats and environments</b></p> <p>A1: Countryside estate skills                      A2: Estate skills methods, equipment and materials                      A3: Methods of working and workforce supervision</p> <p><b>B: Plan estate skills operations for countryside management</b></p> <p>B1: Assessing needs                      B2: Planning activities</p> <p><b>C: Carry out estate skills activities to meet the needs of countryside maintenance and management</b></p> <p>C1: Working professionally                      C2: Supervising activities                      C3: Evaluating estate skills activities</p>
	<b>Unit 1: Professional Working Responsibilities</b>	<p><b>B: Health and safety responsibilities</b></p> <p>B1: Introduction to health and safety and associated legislation                      B2: Safe working practices                      B3: Risk assessment</p>



## Lantra Award Assessment Criteria **not covered**

### Lantra Learning Outcomes

1. Identify the hazards associated with the installation of fences and gates and put the appropriate control measures in place
2. Interpret and comply with drawings, specifications, schedules and risk assessments related to the installation of fences and gates
3. Identify and explain the purpose of various fence systems
4. Define the quality assurance standards relating to fence and gate installations
5. Describe how to inspect materials supplied for fence and gate installations
6. Explain the requirements of pre-installation inspections of the proposed worksite
7. Calculate the quantity of materials required for fence and gate installations incorporating variable conditions such as slopes
8. Identify the hazards associated with excavating and define the appropriate control measures to eliminate or reduce risks to health and safety
9. Demonstrate how to safely identify and mark the location of underground services using plans and cable location equipment
10. Describe how to establish lines and levels
11. Describe how posts are positioned and fixed at specified lines, levels and angles
12. Describe how to inspect, repair and test existing fence and gate installations.

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## Lantra Awards Technical Award in Safe Use and Handling – Shotgun

Learning outcomes **mapped** to BTEC Level 3 National in Countryside Management Units

**NB:** Mapping is from Lantra Awards Learning Outcomes only, not from any assessment criteria

Lantra Learning Outcome	BTEC Unit Title	BTEC Learning Aim
3.Understand current legislation regarding shotgun use	Unit 21: Controlling Firearm Safety in the Land-based Sectors	<b>A: Understand the purpose, use and operating features of firearms in the land-based sectors</b> A1: Features of firearms and ammunition A2: Ballistics A3: Firearm selection and use  <b>B: Apply procedures used in firearm and ammunition management</b> B1: Licensing and ownership of firearms and ammunition B2: Storage of firearms and ammunition B3: Transport of firearms and ammunition B4: Maintenance of firearms and ammunition  <b>C: Demonstrate and review own handling and use of firearms in land management</b> C1: Managing shooting activities C2: Safe handling of firearms C3: Shooting safely and accurately
5.Understand health and safety considerations relating to shotgun use		
8. Appreciate the role shooting sports play in the rural economy.		

### Lantra Award Assessment Criteria **not covered**

Lantra Learning Outcome
1.Explain the function of a modern shotgun
2.Explain the function of a modern cartridge
4.Perform appropriate shotgun cleaning and routine maintenance procedures
6.Demonstrate safe handling of a shotgun and its us
7.Store and transport shotguns correctly



## Lantra Awards Technical Award in Safe Use and Handling – Rifle

Learning outcomes **mapped** to BTEC Level 3 National in Countryside Management Units

**NB:** Mapping is from Lantra Awards Learning Outcomes only, not from any assessment criteria

Lantra Learning Outcome	BTEC Unit Title	BTEC Learning Aim
1. Identify and name common rifle calibres and rifle parts	Unit 21: Controlling Firearm Safety in the Land-based Sectors	<b>A: Understand the purpose, use and operating features of firearms in the land-based sectors</b> A1: Features of firearms and ammunition A2: Ballistics A3: Firearm selection and use  <b>B: Apply procedures used in firearm and ammunition management</b> B1: Licensing and ownership of firearms and ammunition B2: Storage of firearms and ammunition B3: Transport of firearms and ammunition B4 Maintenance of firearms and ammunition  <b>C: Demonstrate and review own handling and use of firearms in land management</b> C1: Managing shooting activities C2: Safe handling of firearms C3: Shooting safely and accurately
3. Explain basic ballistics		
7. Select appropriate cleaning equipment and undertake a routine cleaning procedure		





## Lantra Award Assessment Criteria **not covered**

### Lantra Learning Outcomes

- 2.Appreciate how a rifle barrel works
- 3.Name the parts of a rifle cartridge and describe how it works
- 5.Define the term 'zero' relative to rifle use and define common certificate restrictions
- 6.Appreciate legislation relating to possessing and carrying a rifle, including 'shooting rights'
8. Appreciate recommended use maintenance
- 9.Demonstrate rifle safety proving procedure
- 10.Demonstrate a basic appreciation of risk assessment in relation to rifle use
- 11.Select appropriate PPE for rifle use
- 12.Undertake a safe presentation procedure
- 13.Undertake a safe loading procedure
- 14.Undertake a safe firing procedure
- 15.Cross common field obstacles
- 16.Undertake safe field carry procedures
- 17.Select suitable storage options for rifles and ammunition
- 18.Select suitable transport options for rifles and ammunition
- 19.Know the benefits of shooting sports to the rural economy
- 20.Explain the importance of appropriate behaviour when shooting
- 21.Appreciate the relevance of the Code of Good Shooting Practice