

Felling Medium Trees (380 – 760mm)		CLMC52X/R
Course objectives	<p><b>To enable learners to:</b></p> <ul style="list-style-type: none"> <li>• identify the risk assessment and emergency procedures on a work site</li> <li>• organise site safety and state the procedures required</li> <li>• assess the trees to be felled for hazards and risks</li> <li>• fell trees, which have a diameter greater than the effective cutting length of the guidebar but not twice the guidebar length. Guidebar length not greater than 380mm/15"</li> <li>• assess a leaning tree and the safest method of felling</li> <li>• make accurate felling cuts in the correct positions</li> <li>• delimb felled trees in a safe and methodical manner</li> <li>• crosscut timber accurately to required lengths</li> <li>• assess and explain the terms 'tension' and 'compression' in timber</li> <li>• adopt safe procedures to remove a trapped guidebar</li> <li>• handle and stack timber in a safe manner</li> <li>• assess a hung up tree and the safest method of takedown</li> <li>• select and prepare equipment required for safe and effective takedown</li> <li>• check on the safety of takedown tools, including hand winch</li> <li>• make accurate severing cuts in the correct positions</li> <li>• select and use hand tools safely</li> <li>• take down hung-up trees using a hand winch to a safe and stable position</li> <li>• state all unsafe practices which must not be adopted.</li> </ul> <p><b>NB: The correct protective clothing must be worn by those undertaking chainsaw operations.</b></p>	
Who the course is for	<ul style="list-style-type: none"> <li>• This course is for learners who are required to operate chainsaws to fell trees larger than the guidebar length and who have attended the basic chainsaw courses in this series, or their equivalent, and/or have the appropriate certification (City and Guilds NPTC units CS30 and CS31).</li> </ul>	
Duration/format	<p><b>Practical:</b></p> <ul style="list-style-type: none"> <li>• Novice learners (course code CLMC52X): 3 days</li> <li>• Experienced learners (course code CLMC52R): 1 day (evidence of experience required)</li> </ul>	
Instructor/learner ratio	<p><b>Max:</b> 1:4    <b>Min:</b> 1:2</p>	
Course content	<ul style="list-style-type: none"> <li>• Legislation</li> <li>• Personal Protective Equipment (PPE)</li> <li>• Felling medium sized trees</li> <li>• Additional felling techniques</li> <li>• Snedding and delimiting</li> </ul>	<ul style="list-style-type: none"> <li>• Crosscutting felled timber</li> <li>• Takedown using hand tools</li> <li>• Winching</li> <li>• Stump treatment</li> </ul>

<b>Facilities/ equipment required</b>	<b>Training provider</b> Flipchart or board City and Guilds NPTC assessment schedule – one per learner if required. Sufficient timber of suitable diameter and height to allow practice for each learner. First aid kit which complies with Health and Safety (First Aid) Regulations 1981. If working in a remote site, a mobile phone or radio and vehicle available to transport an injured person. Location and telephone number of hospital with 24 hour emergency service.	<b>Instructor/Tutor</b> Chainsaws as per HSE guidance and pre-course handout. Operator's maintenance kit and equipment as per pre-course handout. PPE as per pre-course handout. City and Guilds NPTC assessment schedule – one per learner if required. Instructor's operational tools as per list in Instructor Manual. 2-stroke fuel and saw chain oil. First aid kit which complies with Health and Safety (First Aid) Regulations 1981. If working in a remote site, a mobile phone or radio and vehicle available to transport an injured person. Location and telephone number of hospital with 24 hour emergency service.	<b>Learner</b> Chainsaws as per HSE guidance and pre-course handout. Operator's maintenance kit and equipment as per pre-course handout. PPE as per pre-course handout. 2-stroke fuel and saw chain oil. <b>NB:</b> Instructors have been instructed not to undertake training where learners do not have the appropriate protective equipment and appropriate saw.
<b>Note</b>	It is the specific responsibility of the training provider, in consultation with the instructor, to ensure a risk assessment has been carried out and the items listed above are available.  The training provider is responsible for advising the learners of the equipment they must bring on the course. A pre-course handout has been produced for guidance.		
<b>Venue</b>	Warm, dry, well lit workshop with adequate bench space. Room with tables and chairs. Liaise with instructor for suitable felling site nearby.		
<b>Publications included in package</b>	Lantra Awards Workbook, AFAG safety guides 301, 302, 303, 304, 307, 310, 802, 804, 805 HSE INDG 145, 163, 214, 296 (rev 1), 317, 363 HSE AIS29 LOLER: How the Regulations apply to forestry. Site specific risk assessment pro-forma Certificate claim form Course evaluation form		
<b>Instructor – Basic registration criteria</b>	This course may only be run by registered Lantra Awards instructors listed to deliver this course. Please refer to the 'Lantra Awards instructor criteria for approval' document for full details of application to become an instructor.		

<b>Instructor – Technical skills, knowledge and experience</b>	Instructors must have a proven track record of operator and industry competence.		
<b>Instructor – Certification</b>	Instructors must possess a Lantra Awards basic operator together with an instructional techniques qualification and full First Aid at Work certificate.		
<b>National Occupational Standards</b>	Lantra Awards has identified the relationship between the key content of its provision and National Occupational Standards (NOS).		
	These standards describe the skills, knowledge and understanding needed to undertake a particular task or job to a nationally recognised level of competence.		
	This course relates to the following:		
	<b>National Occupational Standards</b>	<b>NOS Unit</b>	<b>NOS Unit Title</b>
	Land-based Operations (Jan 2002)	CU17	Assist with the maintenance of equipment
	Land-based Operations (Jan 2002)	CU66	Contribute to the preparation of forest and woodland sites
	Land Based Service Engineering (Jan 2002)	LBSE1	Contribute to Health and Safety
	Land Based Service Engineering (Jan 2002)	LBSE6	Maintain the work area
	Land Based Service Engineering (Jan 2002)	LBSE9	Maintain health and safety in the work environment
	Land Based Service Engineering (Jan 2002)	LBSE11	Diagnose faults in tractors and machinery
	Land Based Service Engineering (Jan 2002)	LBSE12	Dismantle, assemble and repair components in tractors and machinery
	Treework (Mar 2002)	T10	Fell and sned trees motor-manually
	Treework (Mar 2002)	T23	Dispose of residues from treework operations
	Greenwood Trades and Coppicing (Oct 2006)	GWT1	Work safely and according to environmental good practice
	Greenwood Trades and Coppicing (Oct 2006)	GWT2	Use hand tools for greenwood trades and coppicing safely and effectively
Greenwood Trades and Coppicing (Oct 2006)	GWT4	Select trees for coppicing and cut coppice	
Common Unit	CU2	Monitor and maintain health and safety	