

<b>Chainsaws – Basic Felling Techniques (up to 200mm in diameter)</b>		<b>CLMC40X</b>
<b>Course Objectives</b>	<p><b>To enable learners to:</b></p> <ul style="list-style-type: none"> <li>• understand risk assessment procedures</li> <li>• assess trees to be felled for hazards and associated risks</li> <li>• prepare trees to be felled and identify escape routes</li> <li>• fell trees which have a diameter up to 200mm/8" safely and accurately using different but appropriate techniques</li> <li>• delimb felled trees in a safe and effective manner</li> <li>• select and use hand tools and maintain them in safe condition</li> <li>• take down hung-up trees using hand tools</li> <li>• state techniques which must not be used.</li> </ul> <p><b>NB: The correct protective clothing must be worn by those undertaking chainsaw operations.</b></p>	
<b>Who the course is for</b>	<ul style="list-style-type: none"> <li>• This course is for anyone who already holds certification for chainsaw maintenance and cross-cutting and is required to operate chainsaws outside of forestry and arboriculture for felling small trees up to 200mm/8".</li> </ul>	
<b>Duration/Format</b>	<ul style="list-style-type: none"> <li>• Two days: practical (dependent on learners' ability and previous experience)</li> </ul>	
<b>Instructor/learner ratio</b>	<p><b>Max:</b> 1:4     <b>Min:</b> 1:2</p>	
<b>Course Content</b>	<ul style="list-style-type: none"> <li>• Legislation</li> <li>• Safe practice</li> <li>• Personal protective Equipment (PPE)</li> <li>• Assessing the tree</li> <li>• Brushing</li> </ul>	<ul style="list-style-type: none"> <li>• Escape routes</li> <li>• Felling using conventional cuts</li> <li>• Felling using alternative methods</li> <li>• Delimiting</li> <li>• Dealing with hung-up trees</li> <li>• Clearing site and chainsaw checks</li> </ul>

<b>Facilities/ Equipment required:</b>	<b>Training provider</b> Flipchart or board. Sufficient trees/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 plus large wound dressings If working in a remote site, mobile telephone or radio and vehicle available to transport an injured person.	<b>Instructor/Tutor</b> Chainsaws as per HSE guidance and pre-course handout. Instructor's operational tools as per list in Instructor Manual. Operator's maintenance kit and equipment as per pre-course handout. 2-stroke fuel and saw chain oil. PPE as per pre-course handout. First aid kit which complies with Health and Safety (First Aid) Regulations 1981 plus large wound dressings. If working in a remote site, mobile telephone 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. 2-stroke fuel and saw chain oil. PPE as per pre-course handout.  <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 that risk assessments have been carried out and that the items 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. Range of trees with diameters up to 200mm – free-standing, thicket or hedgerow and coppice material.		
<b>Publications included in package</b>	Lantra Awards Workbook, AFAG safety guides 301, 303, 304, 802, 804, 805 HSE INDG 145, 163, 214, 296 (rev 1), 317, 363 Site-specific risk assessment pro-forma Certificate Claim form ITA assessment 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 Operations (Jan 2002)	CU67	Crosscut and stack forest and woodland produce manually
	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)	T12	Convert and stack wood produce 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	