

<b>Course Title:</b>	<b>Assisted Felling Operations</b>
<b>Duration:</b>	1 day training. 1 day City & Guilds NPTC Assessment (completed approx. one week after the course to encourage consolidation and practice)
<b>Pre-requisites</b>	<ul style="list-style-type: none"> <li>• Chainsaw Maintenance &amp; Crosscutting</li> <li>• Felling &amp; Processing Trees up to 380mm</li> <li>• Felling &amp; Processing Trees over 380mm</li> </ul>
<b>Venue:</b>	This is normally completed at our site locally to Builth Wells, however this can also run at a site near Llanidloes, in Powys. <i>If you have enough people for a full course we are able, in some instances, to run this course on your site (subject to a pre-course visit).</i>
<b>Attendees:</b>	Max. number per course = 4
<b>Objectives</b>	<p>Candidates should achieve the following:</p> <ul style="list-style-type: none"> <li>• Understand the conditions necessary for the safe &amp; effective use of the winch or rope, including legislative requirements and controls to prevent environmental damage.</li> <li>• Understand the differences between winch assisted and conventional tree felling and understand situations that can occur in felling trees using winch or rope assistance.</li> <li>• Understand the condition, controls &amp; safety features of the pulling equipment component parts.</li> <li>• Understand the ancillary chocking &amp; anchoring equipment &amp; identify worn or damaged components and describe compatibility of components in the system.</li> <li>• Understand the preparation of the pulling system to assist in tree felling operation, including correct positioning and configuration of chokers/ slings and any intermediate pulleys and correct choice of anchor point.</li> <li>• A "failsafe" required in the winching system such as the use of wedges by chainsaw operator to support to support tree during felling operation.</li> <li>• Understand setting up snatch block/pulley for offset pulling &amp; describe and the hazards involved including the risk zones and increased loads imposed on the intermediate anchor point.</li> <li>• Agree a signalling system between winch operator and chainsaw operator and tension system as appropriate</li> <li>• Winch assisted tree felling operation, safe &amp; effective, under control of chainsaw operator</li> </ul>
<b>Equipment:</b>	<p><b>Chainsaw:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Minimum guide-bar length : 15" (i.e. a 18" – 25" acceptable)</li> <li><input type="checkbox"/> Chain protection guard</li> <li><input type="checkbox"/> Regulation fuel &amp; oil can, with fuel and oil!</li> <li><input type="checkbox"/> Spare chain</li> <li><input type="checkbox"/> spare plug, starter spring &amp; cord, sprocket and clutch spring</li> </ul> <p><b>(Optional or a 2<sup>nd</sup> Chainsaw)</b></p>

<b>Equipment:</b>	<p><b>Field Toolkit:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>All</b> tools necessary for <b>on-site</b> maintenance &amp; Sharpening of Saws. <i>(There will be no workshop based saw maintenance on the course)</i></li> </ul> <p><b>Felling Aids:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Alloy or Nylon Wedge</li> <li><input type="checkbox"/> Breaking bar / Cant hook</li> <li><input type="checkbox"/> Log lifting tongs with holster</li> <li><input type="checkbox"/> Hand winch and 2 soft strops to match</li> <li><input type="checkbox"/> Snatch Block and soft strop</li> <li><input type="checkbox"/> Compatible shackles etc. as required.</li> <li><input type="checkbox"/> Any other felling aids</li> </ul> <p><b>Protective Clothing:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Safety helmet complying with EN397</li> <li><input type="checkbox"/> Eye Protection (Mesh visor complying with EN1731)</li> <li><input type="checkbox"/> Ear Defenders complying with EN352</li> <li><input type="checkbox"/> Gloves (complying with EN381-7 if Chainsaw Gloves)</li> <li><input type="checkbox"/> Chainsaw Trousers complying with EN381-5</li> <li><input type="checkbox"/> Chainsaw boots / Chainsaw Wellingtons with good grip complying with BN EN20345</li> <li><input type="checkbox"/> Personal First Aid Kit for belt or pocket including Large wound dressing and whistle</li> <li><input type="checkbox"/> High-Visibility Jacket or Vest</li> <li><input type="checkbox"/> Wet weather jacket, close fitting (if appropriate)</li> </ul>
-------------------	---

mwmac Ltd, Coed Pwllacca, Brynwrn Built Wells, Powys, LD2 3SE  
01597 258615 - [www.mwmac.co.uk](http://www.mwmac.co.uk) - [enquiries@mwmac.co.uk](mailto:enquiries@mwmac.co.uk)

