

# Short Courses

## *Maintaining Mechanical Devices and Systems*

<b>Course Duration</b>	16 Days (4 x 4 day Weeks)
<b>Course Objectives</b>	To Provide mechanical maintenance skills to a standard which meets NVQ level 2 requirements and for those who wish to obtain an NVQ Level 2 Qualification
<b>Course Content</b>	<p>This Qualification has five elements</p> <ol style="list-style-type: none"><li><b>1. Working efficiently and effectively</b> Obtain and gather together information Produce a detailed work plan Prepare tools and equipment prior to starting work Identify and deal with problems Clear up waste and surplus materials</li><li><b>2. Fault Finding</b> Follow Health and Safety guidelines Prepare equipment / System Use appropriate techniques and diagnostic aids Locate to unit level or component level Draw valid conclusions Record the results of finding</li><li><b>3. Dismantle mechanical devices/systems</b> Follow safe working practices Establish component orientation for reassembly Dismantle mechanical device systems Check components for wear and damage Storage of component safely and correctly</li><li><b>4. Rebuilding mechanical devices/systems</b> Follow Health and Safety guidelines Rebuild, reassemble and secure components Confirm rebuild meets specification</li><li><b>5. Carry out routine servicing and testing</b> Follow safe working practices Prepare equipment for servicing operations Carry out all appropriate adjustments and procedures Check and replace all worn or limited life parts Ensure all components are secure free of wear and malfunction Check component function to specified performance level.</li></ol>
<b>Who should attend?</b>	Those who wish to obtain a Nationally recognised qualification
<b>Venue</b>	EAGIT – Unit 20
<b>Course Dates</b>	Upon Application – Subject to numbers
<b>Costs</b>	On application
<b>Course Certificate</b>	This course carries a Nationally recognised certificate of unit credit qualification to NVQ Level 2.
<b>Course Requirements</b>	Personal Protective Equipment