

# Short Courses

## *Preparing & proving CNC machine tool programs using CNC Lathes & Milling machines (PEO2/014,015,016)*

<b>Course Duration</b>	32 Weeks (3 hours per week) Tuesday Evenings 18.00 to 21.00 for 32 weeks.
<b>Course Aim</b>	To achieve City & Guilds Performing Engineering Operations units of credits at Level 2.
<b>Course Objectives</b>	<ul style="list-style-type: none"><li>• Produce component programs, using manual data input, saving the prepared program for downloading to the machine controller. (Fanuc)</li><li>• Prepare part programs using operational sequences and machining techniques, avoiding unnecessary tool/cutter movements or tool changes.</li><li>• Develop component programs using appropriate programming codes and techniques.</li><li>• Check programs using single block run and program edit facilities to achieve component specification.</li><li>• Plan/load CNC Machining activities including tooling preparation. Run the operating program to produce machined components to specification for your assessment activities including the dimensional and geometrical aspects of the component.</li></ul>
<b>Who should attend?</b>	Interested operators who wish to gain a accredited Level 2 Qualification in CNC Machining
<b>Venue</b>	EAGIT Training Centre - <b>Unit 20</b>
<b>Course Dates</b>	6 <sup>th</sup> March 2012.
<b>Examination Dates</b>	Practical Assessments and Knowledge papers
<b>Costs</b>	£1200 + VAT
<b>Course Certificate</b>	City & Guilds PEO Level 2 - 3 units of achievement certificate in CNC Programming/Lathes/Milling machines.
<b>Course Requirements</b>	Personal Protective Equipment