

# Short Courses

## Basic Electrical Wiring

<b>Course Duration</b>	16 Days ( 4 x 4 day weeks)
<b>Course Objectives</b>	To provide practical training for personnel who have some, or little, electrical knowledge, or who need an insight into electrical wiring and testing techniques.
<b>Course Content</b>	<ul style="list-style-type: none"><li>• Introduction to Electricity at Work Regulations</li><li>• Isolation and Safe Working Practices</li><li>• Basic A.C. / D.C. principles</li><li>• Electrical terms and units</li><li>• Use of Basic formulae</li><li>• Introduction to distribution, voltage levels, overcurrent protection and earthing</li><li>• Awareness of I.E.E. Wiring Regulations and practice of Inspection and</li><li>• Testing Requirements</li><li>• Basic cable selection and types</li><li>• Cable termination including soldering</li><li>• Construction of common lighting, power and control circuits</li><li>• Switch typed terminology and techniques</li><li>• Basic circuit symbols and diagram types</li><li>• Introduction to control circuit principles</li><li>• Use of common test and measuring instruments.</li></ul>
<b>Who should attend?</b>	Personnel who have some or little electrical knowledge and who require an insight into electrical wiring and testing techniques
<b>Venue</b>	EAGIT Training Centre
<b>Course Dates</b>	Upon application – subject to numbers
<b>Examination Dates</b>	
<b>Costs</b>	Upon application
<b>Course Certificate</b>	This course carries an EAGIT issued Certificate of Attendance
<b>Course Requirements</b>	Personal Protective Equipment and a Calculator