

Course ref	AM10
Course title	Asset care and renewal (intelligent maintenance) for technical staff
Duration	4 days
Class Size	16
Overview	A four-day course for line managers and their technicians, who are responsible for the implementation of company asset maintenance regimes and future investment needs.
Objective	To make maintenance managers, first line supervisors and technicians aware of and able to apply essential tools to make more informed decisions on asset care and renewal improving delivered value.
Content	<p><b>Maintenance Methodologies</b></p> <ul style="list-style-type: none"><li>• Preventive and predictive maintenance</li><li>• Failure finding</li><li>• Scheduling corrective maintenance</li></ul> <p><b>Differing Planned Maintenance Approaches</b></p> <ul style="list-style-type: none"><li>• Reliability Centred Maintenance (RCM)</li><li>• RCM decision making diagram</li><li>• Failure Modes Effects and Criticality Analysis (FMECA)</li><li>• Total Productive Maintenance (TPM)</li><li>• Inspection and lubrication schedules and their efficacy</li></ul> <p><b>Root Cause Analysis technique (RCA)</b></p> <ul style="list-style-type: none"><li>• The cost and benefits of RCA</li><li>• Assess benefits of Critical Task Analysis (CTA)</li><li>• Evaluation of life cycle costing (LCC)</li><li>• Range estimation</li></ul> <p><b>Business Benefits from Maintenance Regimes</b></p> <ul style="list-style-type: none"><li>• Selecting the right maintenance programme</li><li>• Maintenance monitoring techniques</li><li>• Benefits realisation</li></ul>
Benefit	Students will be able to use essential tools in their day-to-day job to improve value delivery by lower costs and availability improvement.
Audience	Maintenance line managers, maintenance planning technicians and key technicians responsible for day-to-day activities.
Pre-requisites	Students should bring along evidence of their company's maintenance programmes to evaluate against new ideas gained from the course content.
Cross references	See TWPL courses AM08