



THE
WOODHOUSE PARTNERSHIP

ASSET MANAGEMENT ACADEMY

Course ref	AM07
Course title	Asset management role-play game
Duration	3 days
Class Size	Min 6, max 16
Overview	The 3-day asset management role-play game where small teams are faced with a range of short- and long-term asset management problems.
Objective	From the students' backgrounds and functional specialisms, the lecturers will select or create asset management teams with the relevant mix of skills to enable delegates to work as a multi-disciplinary team on an asset problem. Each such team will be given the same initial problem to tackle, but their subsequent progress and further challenges will depend on their actions and decisions.
Content	<p>AM concepts and awareness</p> <ul style="list-style-type: none">• Corporate risk requirements and regulatory pressures <p>AM key processes and enablers</p> <ul style="list-style-type: none">• Asset management processes• Vision, values and leadership• People issues in asset management• Stakeholder issues in asset management• Asset management decision making• The project life cycle• Asset investment and life cycle costing• Dealing with existing assets• Criticality analysis• Performance monitoring and balanced scorecards• Designing and implementing asset management KPIs <p>Problem-solving and continuous improvement</p> <ul style="list-style-type: none">• Asset damage control• Criticality for operational reliability• APT/MACRO risk-based decisions• Cost/risk optimisation <p>Risk and reliability management</p> <ul style="list-style-type: none">• Risk management: integrated and holistic• RCM• Risk control techniques• Cost/risk evaluation of inspection decisions

Content contd	<p>Organisation, planning and strategies</p> <ul style="list-style-type: none"> • Capital project evaluation/prioritisation • Designing an asset management plan • Communications strategies and influence • Asset management case study <p>Safety and environmental management</p> <ul style="list-style-type: none"> • Safety and environmental management • Environmental management <p>Economic and business skills</p> <ul style="list-style-type: none"> • Business skills for engineers • Economics and industry sector economics • Financial and corporate risk management
Benefit	A real understanding of how to apply AM tools, techniques, principles and practice at finding the right information to enable balanced risk-based decisions to be made and develop a plan to maximise asset value and avoid bad decisions.
Audience	The course is applicable to middle/asset managers.
Pre-requisites	Although no pre-qualification is required, a degree-level or HND qualification is recommended.
Cross references	See TWPL courses AM04 and AM06.