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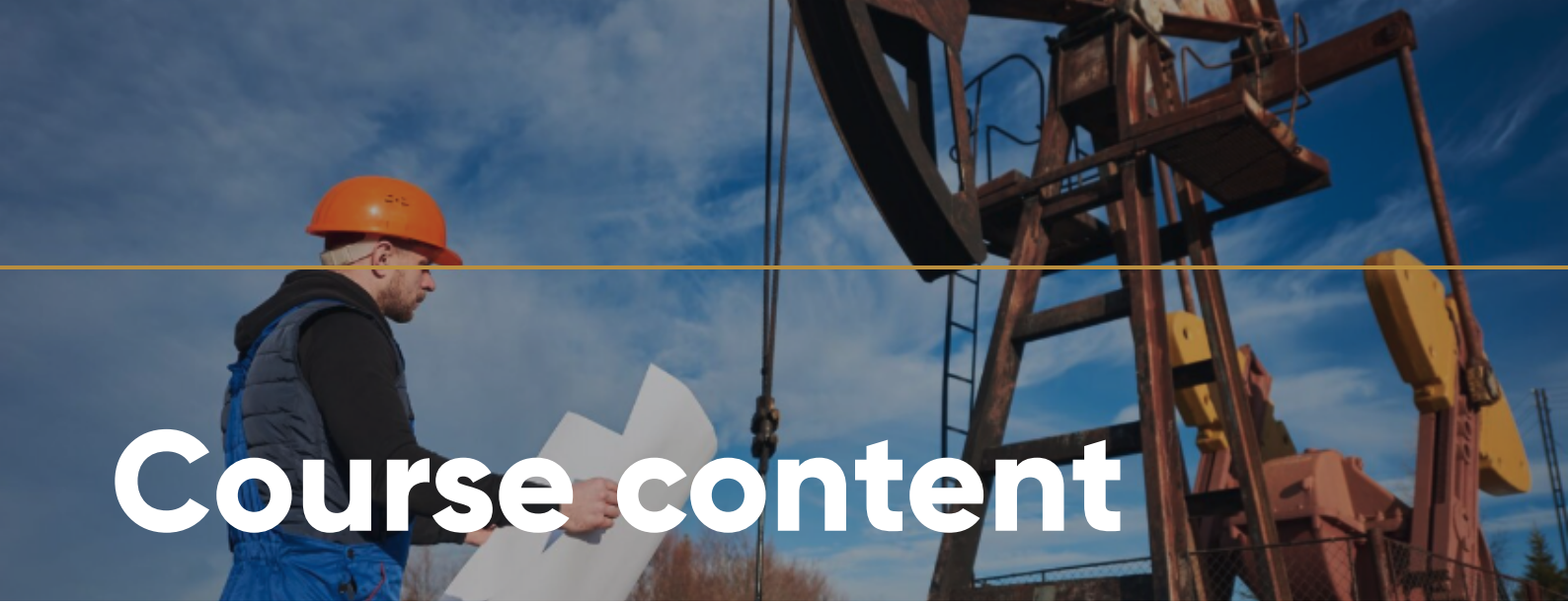


MAINTENANCE AND ENGINEERING | COURSE

Maintenance Masterclass

UK
+44 33 000 111 90
info@informatech.co.uk
https://informatech.co.uk
63-66 Hatton Garden Hatton Garden
EC1N 8LE , London

NL
+31 85 74 444 46
info@infomatech.nl
https://infomatech.nl
Waarderweg 50 - 2031PB
Haarlem - Netherlands



Course content

Why Attend

This specially curated Maintenance Masterclass takes place in London during our Summer Masterclass Series. Participants have the opportunity to learn from experts in the field of maintenance and reliability, gain practical experience from hands on workplace challenges, and gain insight into some of the most important aspects of the maintenance and reliability function.

Maintenance is a critical function, but often undervalued and underfunded. Done properly, maintenance can be a high value function improving asset performance and profits. The aim of this course is to provide maintenance professionals with additional models and tools to help them reposition and transform maintenance.

This is a gamification, challenge-based course with more time spent on exercises and case studies than a traditional lecture-based course. The Facilitator will focus on sharing the tricks of the trade and then putting them to use in meaningful, but fun workplace scenarios.

This course is designed to help experienced managers appreciate where best practice is moving, and less experienced engineers understand how to progress more efficiently through their careers.

This is a highly interactive course with short presentations on best practice and then a series of challenge exercises to take participants on a journey from basic maintenance to applying several world class leading approaches.

The emphasis will be on teamwork in the exercises, guided discussion, a few videos and numerous case studies.

By the end of the course, participants will be able to:

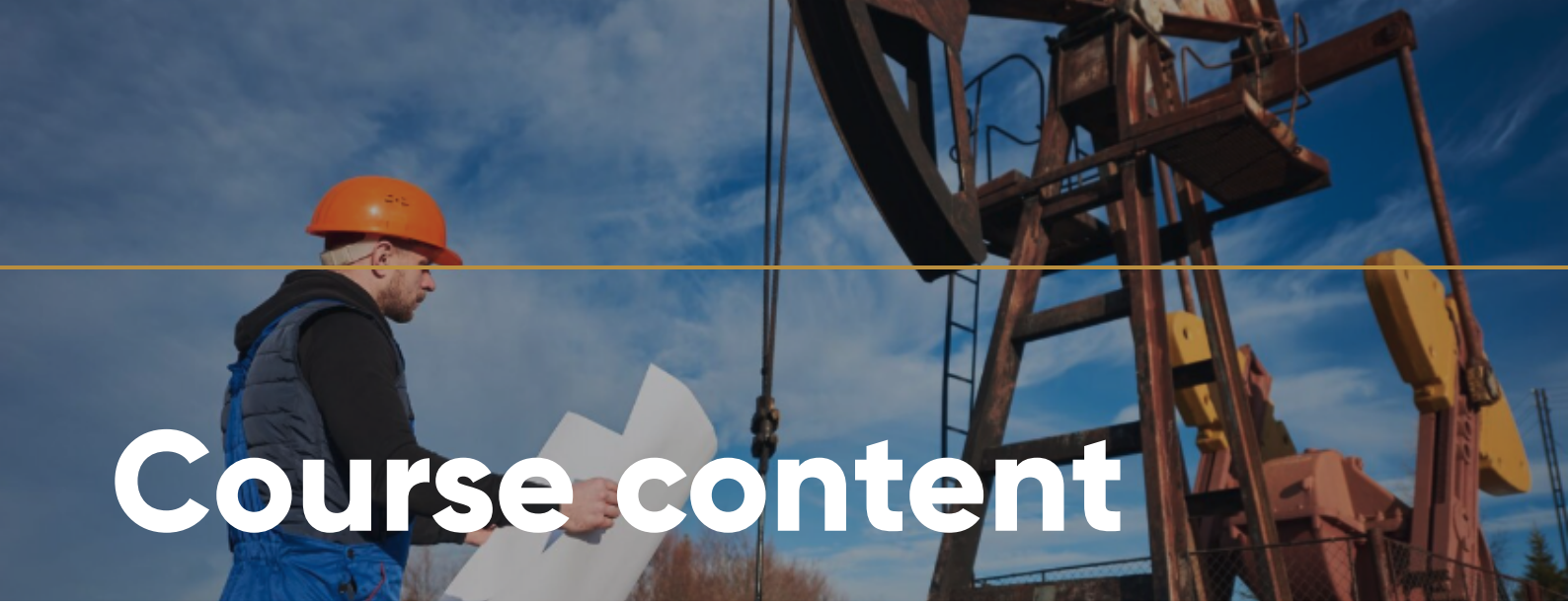
• Apply award winning models of maintenance excellence to their own work place situations

• Participate in reliability improvement work with a new approach

• Understand the different types of maintenance and how to use them

• Apply the principles of maintenance excellence to change their approach to maintenance and reposition maintenance as a strategic function in their organizations

• Utilize key techniques and approaches to enable maintenance to have a more effective input in major projects and turnarounds



Course content

Why Attend

This course is suitable for all levels of maintenance practitioners. This includes but is not limited to; maintenance managers, maintenance supervisors, planners, project engineers, maintenance engineers, project managers, reliability engineers, operations team members and commercial managers who are active in maintenance.

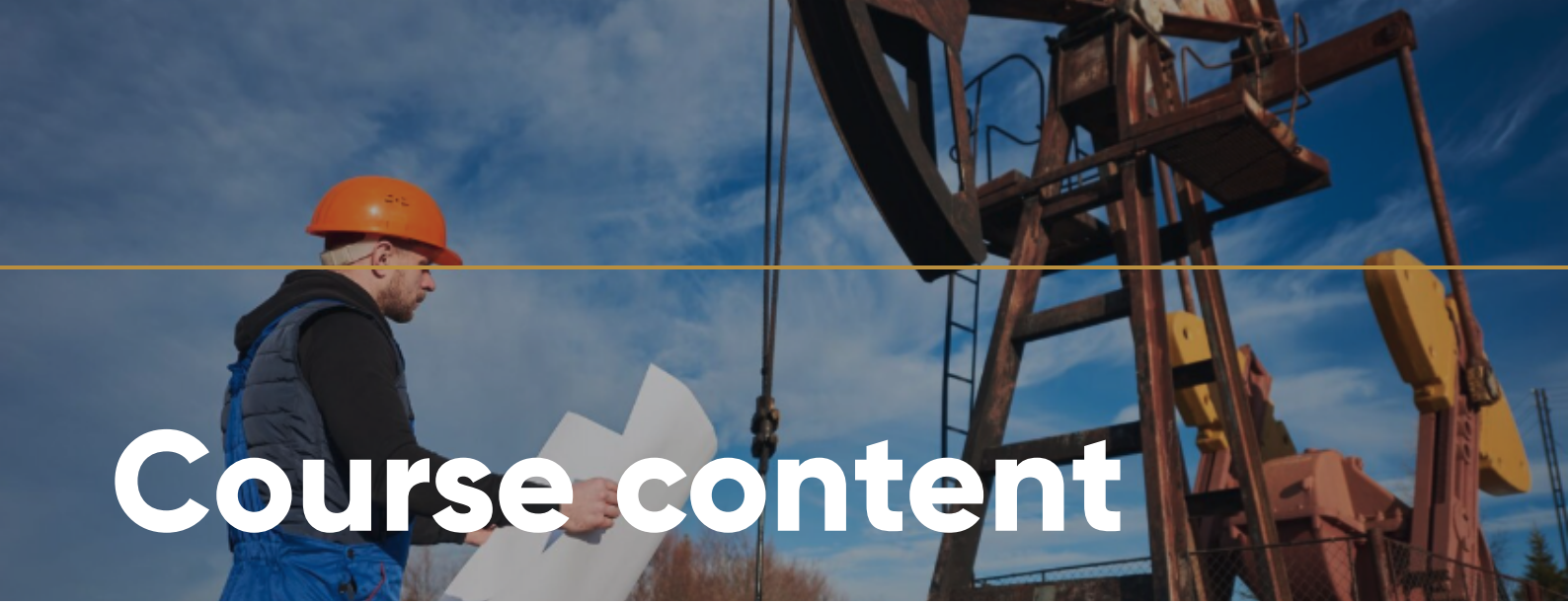
- Problem solving
- Cost analysis
- Workflow management
- People management
- Leadership

Course outline

An introduction to the Maintenance Models of Excellence

- How maintenance has evolved
- Sources of best practice and benchmarking options
- The pitfalls of traditional maintenance practices
- The principles of cost-effective maintenance - where money should be invested and where money tends to be wasted
- A change in thinking
- Away from cost reduction or reliability or safety
- Towards cost reduction and reliability and safety
- Aligning maintenance with the business plan and managing for performance
- How maintenance adds value to bottom line profit

A holistic approach to Asset Reliability Improvement, the bigger picture



Course content

Course outline

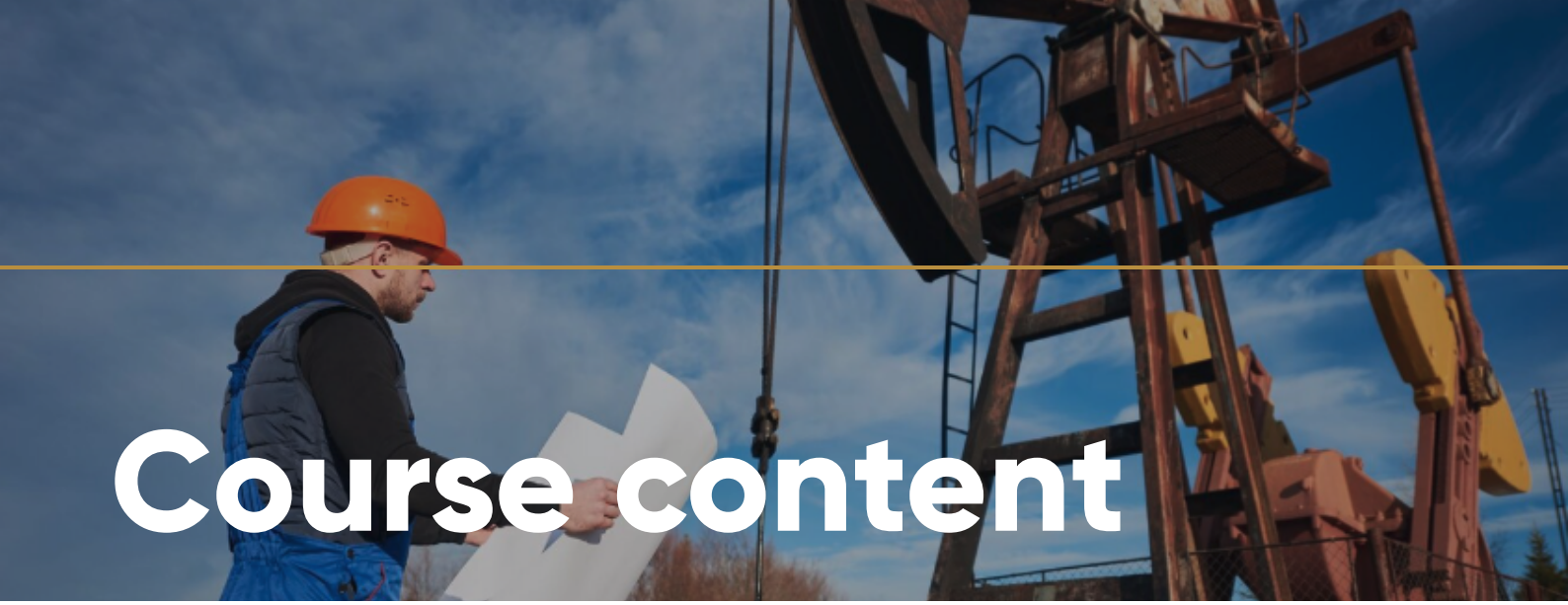
- Understanding the relevant management processes for any asset and operation
- The role of operations
- Getting projects right
- The reliability roadmap
- Improving process performance
- The principles of cost-e ective maintenance investment
- Running maintenance improvements and dealing with some of the people issues
- Setting goals and KPIs to track progress

Improving reliability at equipment level

- Analyzing options to understand the underlying causes of inadequate equipment performance
- Root cause failure analysis
- Weibull analysis
- Criticality analysis
- Failure mode e ects and criticality analysis
- Development of e ective maintenance plans
- Reactive
- Preventive
- Predictive
- Proactive

Developing a high-performance team

- Developing an organization that will support the reliability and maintenance strategies
- Setting a reliability focused culture



Course content

Course outline

• The roles of personnel outside maintenance in reliability improvement and how to engage the right people in the right way

• Leadership skills required to deliver full organizational performance

Work management - The Maintenance Process

• Optimizing the workflow process and CMMS system performance

• Modern workflow management processes

Improving maintenance performance

• The latest thinking in risk management

• Separating critical work from the nice to haves

• On Time In Full work execution

• Recording work done, learning and improving future work

• Planning and executing projects with added maintenance excellence included

• Managing maintenance materials and stores

• Use of computer-based technology

• The truths and the myths about the digital twins

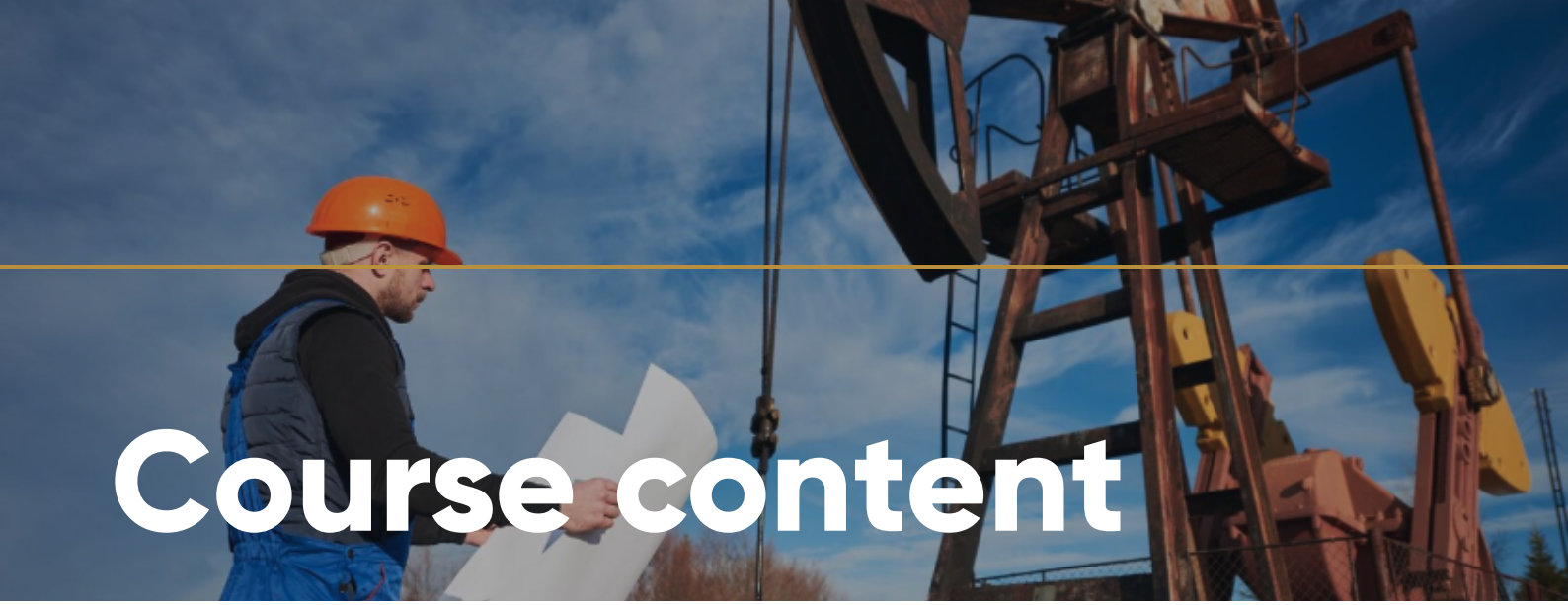
A world class leading approach to Turnaround, Shutdown and Outage Management

• Why turnarounds are the most difficult thing we do

• Where people tend to go wrong

• The greatest weaknesses of maintenance professionals

• The model of excellence for turnarounds



Course content

Course outline

• The golden rules to surviving and converting turnarounds from a high risk to an opportunity



Seminar dates

Available seminar dates

Live dates and pricing for Maintenance Masterclass generated from the course details page.

Date	Location	Format	Fee
7 - 11 December 2026	London - U.K	Classroom	**€3,360.-**
11 - 15 January 2027	Barcelona - Spain	Classroom	**€3,080.-**
8 - 12 February 2027	London - U.K	Classroom	**€3,360.-**
8 - 12 March 2027	Munich - Germany	Classroom	**€3,400.-**
12 - 16 April 2027	Rome - Italy	Classroom	**€3,400.-**
10 - 14 May 2027	Munich - Germany	Classroom	**€3,400.-**
14 - 18 June 2027	Amsterdam - Netherlands	Classroom	**€3,400.-**
12 - 16 July 2027	Geneva - Switzerland	Classroom	**€4,200.-**
9 - 13 August 2027	Barcelona - Spain	Classroom	**€3,080.-**
13 - 17 September 2027	London - U.K	Classroom	**€3,360.-**
11 - 15 October 2027	Munich - Germany	Classroom	**€3,400.-**
8 - 12 November 2027	Rome - Italy	Classroom	**€3,400.-**
13 - 17 December 2027	Munich - Germany	Classroom	**€3,400.-**

Live online option	Online delivery is available at €1,850.-.