MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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HYBRID PRODUCTION SYSTEMS – OFFSHORE INTEGRATION

"Optimizing Offshore Operations Through Hybrid Production System Integration"

Schedule

Date	Venue	Fees (Online)
07 – 08 Dec 2026	Online	USD 700 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Offshore production operations are becoming increasingly complex, requiring integration of multiple production systems to maximize efficiency and reliability. This 2-day online training provides participants with practical knowledge of hybrid production systems and strategies for their seamless integration in offshore environments.

Through interactive sessions, case studies, and hands-on exercises, participants will develop the skills to optimize production, enhance operational performance, and ensure safety and compliance in offshore operations. The course emphasizes real-world applications, addressing challenges faced in integrated offshore production systems.

Objectives

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

- Understand the fundamentals of hybrid production systems in offshore operations.
- Integrate multiple production systems effectively for optimized performance.
- Identify operational challenges and implement solutions for seamless integration.
- Ensure safety, reliability, and compliance in offshore production systems.
- Apply best practices for monitoring, control, and troubleshooting of integrated systems.

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Why Attend

- Gain practical knowledge of hybrid offshore production systems.
- Learn techniques to enhance operational efficiency and reliability.
- Improve safety and compliance in offshore production integration.
- Understand troubleshooting and monitoring best practices.
- Network and share insights with industry professionals in offshore operations.

Target Audience

This program is designed for:

- Offshore production and process engineers
- Operations and maintenance managers
- Reliability and asset management engineers
- Technical staff involved in offshore system integration
- Professionals responsible for production optimization and process control

Individual Benefits

Key competencies that will be developed include:

- Understanding of hybrid production system design and operation
- Skills in integration, monitoring, and troubleshooting of offshore systems
- Ability to optimize production performance and reliability
- Knowledge of safety and compliance requirements in offshore operations
- Enhanced problem-solving and operational decision-making skills

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved offshore production efficiency and system reliability
- Reduced operational risks and enhanced safety compliance
- Optimized integration of multiple production systems
- Strengthened monitoring, troubleshooting, and performance management
- Increased organizational capability in offshore production operations

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Overview of hybrid production systems and offshore integration principles
- Case Studies – Real-world examples of successful offshore system integration
- Workshops – Hands-on exercises for system integration, monitoring, and troubleshooting
- Peer Exchange – Group discussions on operational challenges and best practices
- Tools – Templates and guidelines for monitoring, control, and performance optimization

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Course Outline

Detailed 2-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Fundamentals of Hybrid Production Systems

Module 1: Introduction to Offshore Hybrid Systems (07:30 – 09:30)

- Overview of offshore production and hybrid systems
- System components and operational principles
- Benefits of integrated production systems

Module 2: System Integration Techniques (09:45 – 11:15)

- Approaches for integrating multiple production units
- Monitoring and control strategies
- Addressing operational challenges

Module 3: Operational Optimization (11:30 – 01:00)

- Techniques to enhance system performance and reliability
- Best practices for offshore production efficiency

Module 4: Workshop – System Integration (02:00 – 03:30)

- Hands-on exercises in integrating hybrid systems
- Interactive discussion and feedback

Day 2: Advanced Practices and Troubleshooting

Module 1: Troubleshooting Offshore Systems (07:30 – 09:30)

- Common operational issues and their solutions
- Case studies on problem-solving in offshore integration

Module 2: Safety and Compliance (09:45 – 11:15)

- Ensuring regulatory compliance and operational safety
- Risk management strategies in offshore production

Module 3: Performance Monitoring and Optimization (11:30 – 01:00)

- Techniques for monitoring, analyzing, and improving system performance
- Continuous improvement approaches

Module 4: Workshop and Q&A (02:00 – 03:30)

- Practical exercises on troubleshooting, monitoring, and optimization
- Group discussion and lessons learned

Certification

Participants will receive a Certificate of Completion in Hybrid Production Systems – Offshore Integration, validating their expertise in offshore system integration, operational optimization, and performance management.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

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In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**