



Arab Academy
for Science Technology & Maritime Transport

OPTIMIZATION

OF PORTS AND CONTAINER TERMINALS SERVICES

Online Joint Course between

Shanghai International Shipping Institute (SISI)
&
Port Training Institute (PTI)



上海国际航运研究中心
Shanghai International Shipping Institute



13th -17th November, 2022



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INTRODUCTION

Ports and container terminals have recently gone through several challenges, however the biggest challenge facing ports and terminals is improving port operations and increasing productivity. In addition to ensuring a satisfactory level of competitiveness and sustainability, and with the emergence of digitization, smart governance and green transformation systems, these ports and container terminals are required to develop port management strategies, capacity planning and re-design their infrastructure in order to achieve optimization of port operation and services





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COURSE TOPICS

- Several Noteworthy Trends of Future Port Development.
- Planning Practices for China Container Port Terminal.
- Facility Management Objectives and Benefits in Ports and Container Terminals.
- Challenges of Facility management in Ports and Container Terminals.
- Improving Productivity through Improving Operations Planning.
- Crisis Management and Devising Solutions to Overcome the Efficiency Challenges.
- Designing an Economically Sustainable Port Operations Framework.
- Artificial Intelligence and Digital Port Logistics.
- Case Studies on Blockchain, Big data, and AI Intelligent Algorithms.
- VR Technology and Digital Twin Technology in Port Logistics.
- Innovation for Decision Makers in Ports & Maritime Transport.



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Years Of Excellence
Arab Academy
for Science Technology & Maritime Transport



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