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COURSE PRESENTATION

Deepwater Maintenance

EMM 5103

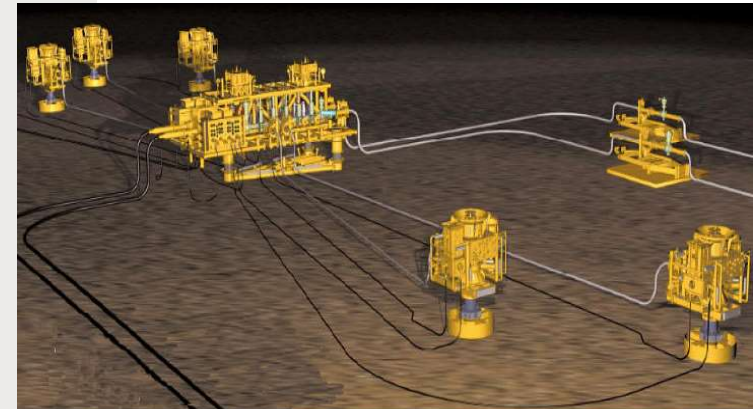
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Deepwater Maintenance



In this course, students are introduced essential elements of deepwater maintenance related to Oil & Gas Industry. The course covers overview of deepwater technology, deepwater facilities and systems, deepwater fundamentals, and deepwater maintenance, and deepwater simulation projects. Students will be guided to explain various forms of deepwater facilities and systems, including floating vessels and offshore structures. They will also be demonstrated on the types of deepwater maintenance. In addition, the most appropriate facilities and systems installation modes and maintenance practices will be explained.



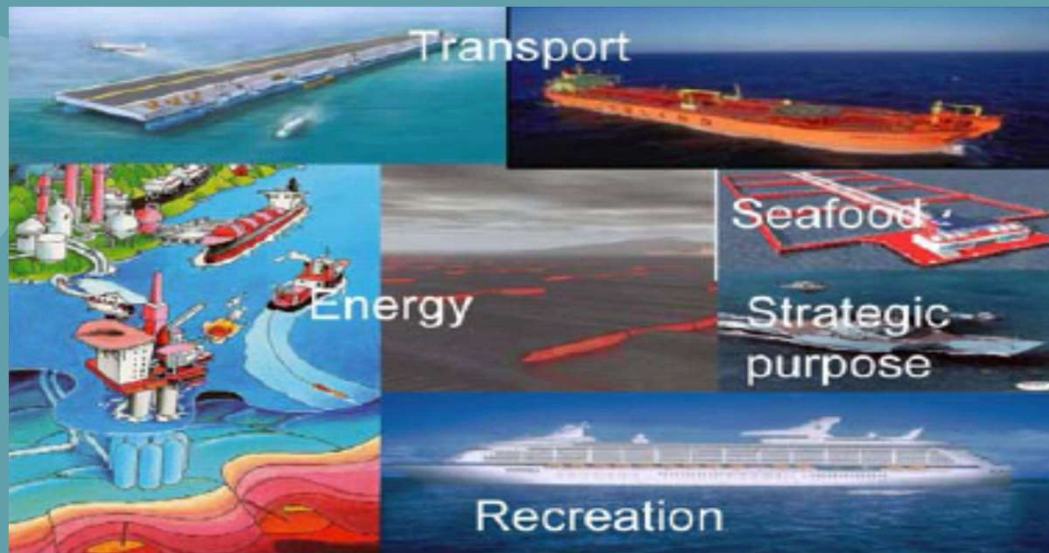
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By the end of the course, successful students will be able to:

1. Demonstrate the concepts of floating and fixed offshore structures and their application
2. Determine the hydrostatic and hydrodynamic stability of floating structures
3. Analyze and assess the mooring lines
4. Design the fundamental concepts in pipelines and risers

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