



الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري

Arab Academy for Science, Technology & Maritime Transport

Chief Engineer: Mohamed Saber Soliman

Photo



Personal Data

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Education

- **PhD. in Marine and Offshore Engineering**
Faculty of Engineering, Alexandria University Alexandria, Egypt, (September 2019 – in progress)
- **MSc. in Marine and offshore Engineering**
Arab Academy for Science and Technology and Maritime Transportation (AASTMT) Alexandria, Egypt, March 2014
GPA: 3.46/4.0 (Excellent)
- **BSc. in Marine Engineering**
Arab Academy for Science and Technology and Maritime Transportation (AASTMT) Alexandria, Egypt, June 2007
GPA: 3.7/4.0 (Excellent with honor)
- **Chief marine engineer certificate of competency**
Alexandria, Egypt, April 2017



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| <ul style="list-style-type: none"> - 2nd marine engineer certificate of competency Alexandria, Egypt, April 2014 - 3rd marine engineer certificate of competency Alexandria, Egypt, June 2008 | |
| <u>Experience</u> | |
| <ul style="list-style-type: none"> - Maritime College Lecturer AASTMT, Maritime College, Marine Engineering Technology Department - Watchkeeping Marine Engineer Kuwait Oil Tankers Company KOTC - Watchkeeping Marine Engineer Vela International Marine Ltd. | <p>Aug 2020 – Present</p> <p>Dec 2015 – Aug 2020</p> <p>Oct 2010 – June 2015</p> |
| <u>Responsibilities</u> | |
| <ul style="list-style-type: none"> - Lecturer for the following courses: <ul style="list-style-type: none"> • Marine Engineering Knowledge (Upgrading studies) • Marine Engineering 4 (Basic studies) • Marine Diesel Engines 1 (Basic studies) - Member in the following committees: <ul style="list-style-type: none"> • GMP • Graduation projects • Examination • Students external training and visits. | |
| <u>Achievements</u> | |
| Researches and Scientific Studies <ul style="list-style-type: none"> • Khalid M. Saqr, Mohamed Saber, Amr A. Hassan & Mohamed A. Kotb. (2016). Numerical Simulation of The Flow Around A Subsea Pipeline with Different Protection. Journal of Engineering for The Maritime Environment, 231(1), 188-199. | |



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- Elhussieny, M., Saber, M. & Rowihil, M., Implementing the Global Maritime Professional Concept to Enhance Green Port Sustainability: A Case Study of the Arab Academy for Science Technology and Maritime Transport, 23rd IAMUC on 19-20 Oct 2023
- Green ship technology implementation in LNG carriers for environmental pollution reduction and fuel economy enhancement, utilizing alternative fossil fuels
- Offshore structures and subsea systems design optimization to reduce subsea hydrodynamic stresses utilizing finite element techniques and CFD applications
- Failure modes risk assessment of offshore structures and subsea systems considering subsea hydrodynamic forces

Relevant Courses

- STCW MED safety courses
- Behavior based safety observer training, Vela International Marine Ltd.
- VALUE (Vessel Accident Limitation Using Education)
- Educational Preparation Course for Graduate Teaching Assistants and Lecturers.
- Training course for the Simulator Trainer & Assessor (Based on IMO Model Course 6.10).
- Training course for Assessment, Examination and Certification of Seafarers (Based on IMO Model Course 6.12).
- Training course for Instructors in Maritime Institution (Based on IMO Model Course 6.09).