



الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري

Arab Academy for Science, Technology & Maritime Transport

Dr. Captain:



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Arab Academy for Science, Technology and Maritime Transport.

Personal Data

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Education

- Ph.D.: Maritime Transport (Maritime Postgraduate Studies Institute) (Arab Academy for Science, Technology & Maritime Transport). (2026)
- 2012, M.Sc. Degree in Maritime Ports Administration Operating Systems from (International Transport & Logistics Institute) (Arab Academy for Science, Technology & Maritime Transport).
- 2005, B.Sc. Degree of Naval Science (Grade: Very Good ((Egyptian Naval College)
- Certificate of Competency as Master Mariner (Egyptian Authority of Maritime Safety) (2015)
- Certificate of Competency as Chief Mate (Egyptian Authority of Maritime Safety) (2010).
- Master Mariner Certificate: Egyptian Naval High Studies Institute (Aug 2015).

Experience



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(2020: Now) More than 4 years as a Lecturer at the Nautical Basic Studies Department, College of Maritime Transport & Technology, teaching courses of Navigation, Maritime Law, IMO Conventions, Watch Keeping, Marine Communications, Marine Safety, and Seamanship Principles (Coordinator).

Capt. Mohamed Elhussieny has been chosen to be the head of the college exams and evaluation control unit and the team organizing student field visits program. He has participated in several academic activities, seminars, and workshops and has published research papers in the maritime field. He has been chosen to be a member of the IAMUS Supporting Team for the International Association of Maritime Universities Conference (IAMUC) Student Session (IAMUC-AGA21) (IAMUS) for students from Maritime Universities all over the world and participated as a speaker for his accepted paper (Implementing the Global Maritime Professional Concept to Enhance Green Port Sustainability: A Case Study of the Arab Academy for Science Technology and Maritime Transport) in (IAMUC-AGA23) Helsinki, Finland 19th - 21st October 2023. He got his scholarship in the International Ocean Institute IOI Training Programme on Regional Ocean Governance for the Mediterranean, Black, Baltic & Caspian Seas, being held in Malta and its territories." (Malta; 5th Nov – 8th Dec 2023).

Previously, In 2016, Capt. Mohamed Elhussieny moved to the Naval College to work as a Naval College staff member. He has also worked as a lecturer since 2015. He was also responsible for training cadets at sea during naval overseas training on board naval ships. From 2017 to 2020, he served four years as a commanding officer on board many types of ships. In addition, he was a training officer responsible for all naval training programmes for officers and sailors.

I have been working in the Egyptian Navy for 15 years of sea experience in sea service from 2005 to 2020, working on board many types of ships.

From 2014 to 2015 more than one year worked as A United Nations Military Observer in the United Nations Mission in Western Sahara in Morocco and the UN Liaison Office in Algeria, side by side with UN agencies and international organizations. In 2016, I moved to Egyptian Naval College, working for 1 year as an instructor and also practically teaching cadets at sea., From 2017 to 2020, 4 years as a commanding officer onboard many types of ships.

Responsibilities

- A Member of the International Classification Committee of the Arab Academy for



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Science, Technology, and Maritime Transport.

- Member of the advisory team of the Arab Academy for Science, Technology and Maritime Transport at the Ministry of Environment to implement the environment axis of the government program 2024/2027 and provide support for various environmental issues.
- Currently, Captain Mohamed Elhussieny is a teaching staff member at the CMTT (College of Maritime Transport & Technology), Basic Nautical Department. He teaches the courses Introduction to Navigation, Seamanship Principles (Course Coordinator), Watch Keeping, Marine Communications, Marine Safety and Maritime Law & IMO Conventions, and all related IMO Conventions related to Marine Environmental Protection.
- Captain. Mohamed Elhussieny is the head of the college exams and evaluation control unit duties as a member, general academic advisor, and a member of the organizing committee of the students' field visits.
- In 2021, Captain Mohamed Elhussieny was on the Organizing Committee for the International Association of Maritime Universities' 21st Annual General Assembly & Conference (IAMU-AGA21 & IAMUC) - (IAMUS) for students from Maritime Universities all over the world.

Achievements



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• Research and Scientific Papers & Activities.

- Participating in the webinar (Climate Change Impacts and the Power of Weather Routing Optimization-Hellenic Marine Environment Protection Association) (June 2025)
 - Participating in the webinar (Incident Analysis: Sharing Lessons Learned-Hellenic Marine Environment Protection Association) (June 2025)
 - Participating in the webinar (Preparing for PSC Inspections (Part I) -Hellenic Marine Environment Protection Association) (July 2025)
 - Participating in the webinar (What are Maritime Autonomous Surface Ships (MASS)?) -Hellenic Marine Environment Protection Association) (July 2025)
 - Participating in the webinar MARPOL BEYOND 50: Real-World Lessons on SOx & NOx Emissions Technologies in 5 June 2025 -Hellenic Marine Environment Protection Association) (May 2025)
 - Participating in the webinar Digital Awareness and Cybersecurity in Shipping 19 MAY 2025 -Hellenic Marine Environment Protection Association) (May 2025)
 - Have been awarded the Full Scholarship in the Eleventh Session of the Yeosu Academy of the Law of the Sea, held from 21 October to 1 November 2024 in Yeosu, Republic of Korea, hosted by the Korean Ministry of Oceans and Fisheries. The Korea Maritime Institute serves as the Secretariat of the Yeosu Academy.
 - Have been selected as a reviewer for the 24th International Maritime Association Universities held at Cape Cod, Massachusetts, USA, on 10-11 October 2024,
 - Attended the 12th Global Ocean Regime Conference “Challenges in International Straits and SLOCs in Geopolitical Tensions” from 3 to 5 November 2024 in Busan, Korea
 - Have been awarded the Full Scholarship to the 16th session of the IFLOS Summer Academy (2024) at the International Tribunal for the Law of the Sea (ITLOS) in Hamburg from 27 July to 23 August 2024
- Presentation Topic: “Please discuss the regime for the laying of pipelines and cables in the EEZ of another State and assess responsibilities in the case of sabotage and resulting damage” (Participation with Distinction) (27 July to 23 August 2024)**
- Measuring the dynamics of the Egyptian container terminals market presented to



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AIN (The Arab Institute of Navigation) Journal (JUL 2020).

- **The impact of applying smart port requirements on the competitiveness of the Aden container terminal** Alexandria, Egypt. (Marlog10 Conference JUN 2021) (Speaker). <https://marlog.pti-aast.org/2021/MarlogProceedings2021.pdf>
- **International Association of Maritime Universities AGA_IAMUC21 Conference (IAMUS) for students from Maritime Universities all over the world.** (AASTMT), Alexandria, Egypt (OCT 2021) (Participant).
- **Advanced Training Program for Maritime Instructors and Administrators from MET Institutions, Sponsored by Shanghai Municipal Government, the International Maritime Lecturers Association (IMLA) and Shanghai Maritime University (SMU) Shanghai, China** (JUL 2022) (Participant).
- **International Conference for Arab Institute of Navigation AIN MELAHA22.** (NOV 2022) (Organizer & Participant).
- **3rd International Conference for Future Studies and Risk Management ICFSRM 22** (AASTMT), Alexandria, Egypt. (DEC 2022) (Participant).
- **The Outcomes of Applying Smart Green Port Concept in Egyptian Ports (CASE STUDY ALEXANDRIA PORT)** presented to Geospatial Week (Egypt GSW'2023) Conference. (SEPT 2023). (Speaker)
DOI: <https://doi.org/10.5194/isprs-archives-XLVIII-1-W2-2023-413-2023>
- **Implementing the Global Maritime Professional Concept to Enhance Green Port Sustainability: (A Case Study of the Arab Academy for Science Technology and Maritime Transport)** presented to AGA_IAMUC23 conference. Helsinki, Finland (OCT 2023). (Speaker)
- **The Scholarship of the IOI Training Programme on Regional Ocean Governance for the Mediterranean, Black, Baltic & Caspian Seas; being held in Malta and its territories.**” (Malta; 5th Nov – 8th Dec 2023).
- **3rd LIFE4MEDECA International Conference Greening the MED: a shared approach to the transition Blue Green Mission Alexandria, Alexandria Governorate, Egypt** (18:19 SEPT2023) (Speaker).
- **Environmental Management System in Africa Seaports. Towards Sustainable African Maritime Industry Workshop (Green ports: Readiness of African Seaports)** (24:28 SEPT 2023) (Speaker).
- **Empower HER Advancing Women in STEM Higher Education and Careers Workshop** attending the workshop Empower HER project invests in women's



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education and the development of a highly skilled workforce in STEM to address the gender gap helping Egypt tap into a larger talent pool and stimulate innovation and technological advancement in Egypt by encouraging more women to pursue STEM careers. (The Arab Academy for Science, Technology and Maritime Transport “AASTMT” - University of Central Lancashire (UCLan), United Kingdom - The British Council) (Egypt 18-19 February 2024).

- Online Course (**OCEAN GOVERNANCE AFTER COP 28: PROBLEMS, PROGRESS & PROSPECTS**) (18th March - 23rd May 2024).
- Participation in the activities of the **Arab Day for Disaster Reduction** (March 2024)
- Participation in the workshop on **Developing and Promoting the Use of the Blue Economy as a Tool for Sustainable Development and Innovation in the Mediterranean Region** (April 2024)
- Training Course on **Ocean Governance 2024 Legal Framework, Policies, Technologies and Practices International Ocean Institute-China Regional Center for the Western Pacific Region National Marine Data and Information Service 27th May -7th June 2024 Tianjin, China.**
- Participating in a presentation in the sessions of the **Industry Advisory Council of the College of Maritime Transport and Technology at the Arab Academy for Science, Technology and Maritime Transport entitled (New Era of Marine Environment) (12-13 June 2024) (Speaker).**
- Participating in the webinar **Handling LNG as Cargo and Fuel (Maritime Training Center for Pollution Prevention Safety at Sea and Environmental Awareness-Hellenic Marine Environment Protection Association) (July 2024)**
- Participating in the webinar **Decarbonizing Shipping:**

Getting Closer to 2030 | 11-12 September 2024-Hellenic Marine Environment Protection Association) (September2024)

- Participating in the webinar **Sustainable Maritime Finance 19 September 2024Hellenic Marine Environment Protection Association) (September2024)**
- **Blue Economy Journal (Assessing the Readiness and Awareness of Key Stakeholders in the Egyptian Maritime Industry to Implement Smart Green Port Practices) (Jan 2025) DOI: <https://doi.org/10.57241/2805-2994.1033>**



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- **Multidisciplinary Adaptive Climate Insights Journal (Smart green ports: a sustainable solution for the maritime industry in a changing climate) (Feb 2025)**

DOI: <https://dx.doi.org/10.21622/MA CI.2025.02.1.1162>

- **The Arab Institute of Navigation (AIN) Journal (Maritime Port Evolution Balancing Operational Excellence with Zero-Emission Requirements in the Context of IMO 2050 Objectives). DOI: <https://doi.org/10.59660/50709>**

Maritime Research and Technology Journal (Challenges and Opportunities for Autonomous Vessels in the Era of the Smart Ports) (March 2025)

DOI: <https://dx.doi.org/10.21622/MRT.2025.04.1.1180>

- **The Arab Institute of Navigation (AIN) Journal (Bridging the Gap: Modernizing Environmental Management Systems in Egyptian Seaports to Align with Global Maritime Transport Trends)**

DOI: <https://doi.org/10.59660/50731>



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Relevant Courses



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- Basic Meteorological Course (MAR 2007).
- The Basic Naval Training Course of the Chilean training ship B.E. Esmeralda (Oct. 2008).
- Surface Ships Operations Course (Feb. 2010).
- Chief mate: Egyptian Naval High Studies Institute (Feb. 2010).
- Certificate of Commanding a Naval Ship type: Hainan 37 class (SEPT 2011).
- ICDL Certificate (Sept 2012).
- International United Nations Observers Course no: 37 (Oct. 2012).
- Master Mariner Certificate: Egyptian Naval High Studies Institute (AUG 2015).
- Senior Officer Instructor Training Course (Sept. 2016).
- Certificate of Commanding a Naval Ship type: Osprey (Feb. 2018).
- Search & Rescue Operations Planning Course (Feb. 2019).
- STCWS: Egyptian Naval High Studies Institute (Oct. 2019).
- GOC&GMDSS: Egyptian Naval High Studies Institute (JUL 2020).
- Transitioning Effectively to Online /Blended Teaching Course by Center for Learning Innovations & Customized Knowledge Solutions (CLICK) (SEPT 2020)
- Educational Preparation Course for Graduate Teaching Assistants & Lectures (JAN 2021).
- Examination systems and student evaluation course in light of distance education (APR 2021).
- TOEFL Certificate with Score 550 (Feb. 2021).
- Training Course for Assessment, Examination and Certification of Seafarers Based on IMO Model 3.12 (Level 1) (AUG 2021).
- Training Course for Assessment, Examination and Certification of Seafarers Based on IMO Model 3.12 (Level 2) (SEPT 2021).
- Training Course for the Simulator Trainer & Assessor Based on IMO Model 6.10 (Level 1) (OCT 2021).
- Training Course for the Simulator Trainer & Assessor Based on IMO Model 6.10 (Level 2) (OCT 2021).
- Training Course for Instructors in Maritime Institutions Based on IMO Model 6.09 (Feb. 2022).



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- Training Course for Effective Presentation Skills (SEPT 2022).
- Training Introductory Seminar on Activating the System of Automating Education Quality Procedures (JAN 2023).
- Credit Hours and Academic Advising Course (MAY 2023).