

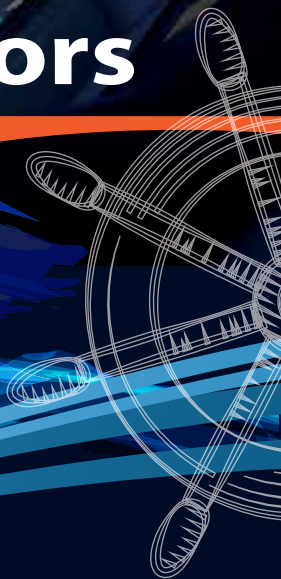


Arab Academy

for Science, Technology & Maritime Transport



Integrated Simulators Complex

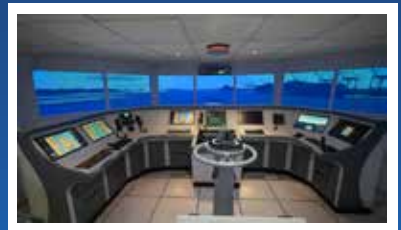


The Integrated Simulators Complex (ISC) continuously strives to maintain its leadership role in providing training to multinational professionals within the Marine and Oil industries in the Middle East region and the rest of the world. The Integrated Simulators Complex has successfully fulfilled the requirements of Quality Management System Standard ISO 9001:2015 and effectively attained the certification of the DNV GL since October 2012 concerning the “Provision of simulation based learning, training and consultation services in the fields of: Marine, Off-Shore and Petroleum services, Oil and Natural gas, Environmental and Crisis Management and Maritime Communication.

By utilizing the top of the line simulation technology, ISC provides up-to-date training instructions. The Integrated Simulators Complex includes 5 major Departments.

1. Marine Simulators Department (ALEX-CAI)

Represent critical elements for training marine officers in various sectors of safe navigation, equipped with sophisticated facilities of high capabilities, which are able to simulate numerous realistic situations and conditions sufficient for a wide variety of effective training, and which cover several applications and courses in a wide range of maritime, education training and port operations. Moreover, Marine Simulators plays a significant role in giving consultation for port authorities when examining new berths and ports. Marine Simulators can provide special research and consultancy service to maritime industry, particularly navigation study for validation the design of new berths or ports from navigational points of view.



For more detailed courses, please scan the attached QR Code.

2. Offshore and Dynamic Positioning Department (ALEX-CAI)

Dynamic Positioning established training facility in Alexandria & Cairo and accredited by London Nautical Institute (NI).

The offshore and DP training added a new specialized field to the Integrated Simulators Complex (ISC) to meet the needs of the Off-Shore and Petroleum services in the Middle East and The World.

For more detailed courses, please scan the attached QR Code.



3.Natural Gas and Petrochemicals Simulator Department (ALEX-CAI)

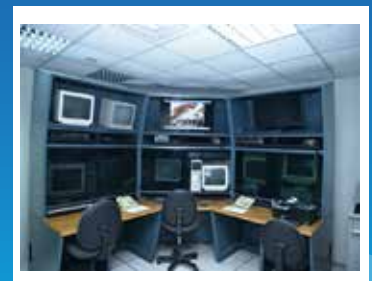
The natural gas and petrochemicals simulator introduces newly developed training methods to supplement the traditional methods of onboard training. The simulator facility allows for a broad range of training courses required by both STCW and Oil and Gas Industry, which are applicable to both ship and shore activities involved in handling LNG, LPG, Crude oil products, and Chemical Cargoes.



For more detailed courses, please scan the attached QR Code.

4.Environment Protection and Crisis Management Department (ALEX)

The Simulator was designed to fulfill the requirements for Crisis and Disaster Management using the Incident Command System (ICS) as a management Adhoc organization. The Crisis Management Simulator is a complete, fully automated system used for training on managing real-time emergency response dealing with a variety of natural and man-made crises according to a pre-designed contingency plan. Different types of crisis scenarios can be simulated through the system, which contains a continuously updated database, and is supported with mathematical models.



For more detailed courses, please scan the attached QR Code.

5. Communication and Computing Department (ALEX)

GMDSS simulator start working in 1996, which is a Computer Based Training (CBT) system incorporating the latest virtual touch screen technology to enable the student to act out simulated distress and routine situations which cannot be conducted on-board to avoid false distress alerts. For more reality and integration, the system contains a complete set of real GMDSS equipment.

The simulated communications equipment accurately replicates the GMDSS functions which meet the requirements of the International Convention

on Standards of Training, Certification and Watch keeping for seafarers (STCW, 1978) and its Amendments set by IMO



For full courses list please scan QR code



Alexandria

Abukir

P.O.Box 1029

Tel :(+203) 5622533

Fax: (+203) 5628801

E-mail: isc_dean@aast.edu, isc_fu@aast.edu

Cairo

El Moshir Ahmed Ismail St., Block I 159, Sheraton Bldgs.

P.O.Box 2033

Tel:(+202) 2269 8517

Mobile: +201000440330

Fax: (+202) 2266 5604

E-mail: cmc_reg@aast.edu

