

KARCO System to identify Competent students.

AMET Students are able to test their competency by taking tests in the Dynamica (Dynamic Competency Assessment) system developed by KARCO.

KARCO system has pre-designed tests to identify the following 35 competency areas for Deck cadets and 15 competency areas for Engine Cadets.

Competency Areas for Deck Cadets:

Cargo Safety (OIL/CHEMICAL TANKERS), Cargo Carriage (BULK CARRIERS, Oil Tanker, GAS CARRIERS), Regulations pertaining to CARGO WORK, IMDG Code, MARPOL(Crude Oil Washing), MARPOL(Garbage Management), Pollution Prevention, METEOROLOGY (Air Masses, Bridge Equipment, Bridge Procedures, Currents & Winds, Tropical Revolving Storm), MOORING EQUIPMENT, Bridge Procedures, Bridge Equipment (ECDIS, RADAR, ARPA), COLREGs -(Lights, Shapes & Sound Signals, Actions to Avoid Collision, Restricted Visibility, Narrow Channel & Traffic Separation System), SAFETY (Firefighting, Prevention/Appliances/Regulations, Life Saving Appliances, Fire Fighting Appliances, SEAMANSHIP, Vessel Acces, Pilot Ladder, SECURITY (ISPS), SHIP CONSTRUCTION and STABILITY

Competency Areas for Deck Cadets:

MARINE ENGINEERING KNOWLEDGE, Main Engine, Fuels, Lube Oils, Purifiers, Clarifiers, Steering Gear, Boilers & Steam Systems, Refrigeration and air conditioning, Pumps, Piping, Valves & Fittings, Auxiliary Engines, Heat Exchangers & Freshwater Generators, Cargo Work (LNG Carriers), SAFETY (Firefighting, Prevention / Appliances / Regulations) SECURITY (Ship Access and Applications), SHIPS CONSTRUCTION (Dry Docking, LPG/LNG), ELECTRO TECHNICAL OFFICER (Basic Electrical, Circuits)

Tests for students of Technical Programmes & Management Programmes:

In addition to the above ready to use tests, AMET students can be administered tests on any subject (Aptitude Tests, Technical tests in Mechanical Engineering, Electrical Engineering, Management disciplines, etc.)