

KENYA MARITIME AUTHORITY TO IMPLEMENT CURRICULUM FOR LAND BASED TRAINING

Introduction

The Kenyan waters provide great economic opportunities. Coast and inland waters provide food, recreation and homes while maritime transport, tourism and fishing are key economic pillars in Kenya. Efficient maritime transport enhances international competitiveness of goods and influences investment decisions. A vibrant shipping industry attracts other support industries that create jobs. Development of water based economic activities can accelerate transformation of a country into a blue economy and human resource capacity building is a major component of the development.

Section 5 of the Kenya Maritime Authority (KMA) Act, tasks the Authority with the responsibility of planning, monitoring and evaluating maritime training programs in the country. The International Maritime Organization (IMO) Convention on Standards of Training, Certification and Watch keeping obligates States to establish structures for addressing training, recruitment and welfare of seafarers, a responsibility that has been placed on KMA. Section 4 of the KMA Act further assigns KMA an oversight responsibility on quality, availability and cost of maritime transport services in the country.

As a contribution to the Vision 2030 priority projects on human resource capacity building, KMA developed training programs for seafarers that are already being implemented. The Authority has further developed a curriculum to address land based maritime transport services. The programs will address shortcomings in the existing training programs, characterized by un-harmonized content that vary in time and coverage and also lack key aspects on professional delivery of services.

The curricula have been developed in collaboration with Kenya Institute of Curriculum Development, Technical and Vocational Education and Training (TVET) and the Ministry of Education, Science and Technology for implementation by training institutions that KMA has accredited.

Certificate in Maritime Transport and Logistics

At the end of the Certificate in Maritime Transport Logistics course, a graduate should be able to undertake processing of shipping documents, port operations, cargo and ships clearance; interpret contract documents in shipping business; comply with environmental conventions, laws and regulations; undertake logistics and multimodal transport operations; and perform ship broking activities

Various training institutions have expressed their interest in offering courses that have been developed. The Authority is in the process of assessing the training needs required by the trainers for effective delivery of these programs. This will enable the Authority gauge their capacity for training as well as determine the availability of resource persons. An efficient and affordable maritime transport will support increased economic activities and enhance

competitiveness of goods; balanced development of all maritime clusters will accelerate transformation into a maritime economy; and sustainable development will lead to better protection of marine ecosystems. Candidates are expected to register for training at an institution approved to offer the course for the theoretical and practical studies. All leading local maritime training institutions have showed interest. The assessment of all the modules shall be competency based. The Kenya National Examinations Council (KNEC) will offer external examinations to trainees in all modules covered during the training. The KNEC will issue the candidates with result slips for Modules passed and a final certificate or Diploma in Maritime Transport Logistics

The output anticipated will be a harmonious undertaking training activities in a coordinated framework; enhancing the maritime sector's contribution to the national economy as envisaged in Kenya's Vision 2030, the long-term national planning and development strategy. Improving the national capacity in relation to skills development will therefore go a long way in enhancing development and investments in the maritime sector.

Course Description

The Certificate in Maritime Transport Logistics is packaged into two modules namely:

Module I: Basic Shipping Operations

1. Introduction to Shipping
2. The Merchant Ship
3. Documentation in Shipping Practice
4. Commercial Shipping Geography
5. Life Skills
6. Communication Skills
7. Information Communication Technology (ICT)
8. Business Calculations and Statistics
9. Entrepreneurship

Module II: Shipping Logistics

1. Ports and Terminals
2. Health, Safety and Security in Transport Logistics
3. Legal Principles in Shipping
4. Shipping Business
5. Financial Accounting
6. Fundamentals of Management and Environment
7. Business Plan
8. Trade Project

Approval of the Training Institutions

Institutions offering this course should be recognized and approved by the ministry responsible for training and accredited by the Kenya Maritime Authority.

Duration of the Course

The course is designed to have 1980 hours. The trainee spends 1650 hours in the institution and 330 hours in industrial attachment. The course is structured in Modules as outlined below:

Module	Institution (Hours)	Industrial Attachment (Hours)	Total (Hours)
Module I	825	330	1155
Module II	825	-	825
Total	1650	330	1980

Entry Requirements

The trainee entering this course should have any of the following minimum entry requirements:

- i) Kenya Certificate of Secondary Education(KCSE) with an average grade of D (plain)
or
- ii) Equivalent qualifications as determined by the Kenya National Examination Council (KCSE) and Kenya Maritime Authority

Diploma in Maritime Transport and Logistics

Diploma in Maritime Transport Logistics is designed to equip the trainee with relevant knowledge, skills and attitudes that will enable performance of managerial duties in maritime transport logistics business. With the integration of module units such as entrepreneurship, communication skills, life skills and information communication technology, a graduate of the course will be able to work in a formal or self-employment.

At the end of the course, the trainee should be able to supervise the processing of shipping documents, manage port operations, undertake cargo and ships clearance with relevant authorities, interpret contract documents in shipping business, comply with environmental conventions, laws and regulations, supervise logistics and multimodal transport operations and perform ship broking activities

Course Description

The Diploma in Maritime Transport Logistics is packaged into three modules namely:

Module I: Shipping Documentation

1. Introduction to Shipping
2. Legal Principles in Shipping
3. Ports and Terminals
4. Health, Safety and Security in Transport Logistics

5. Life Skills
6. Information Communication Technology (ICT)
7. Communication Skills
8. Financial Accounting
9. Documentation in Shipping Practice
10. Entrepreneurship

Module II: Shipping Supervision

1. Cargo and Terminal Operations
2. Environmental Aspects in Transport Logistics
3. Containerization
4. The Law of Carriage of Goods by Sea
5. Clearing and Freight Forwarding
6. Quantitative Techniques
7. Principles and Practices of Marketing
8. Business Plan

Module III: Shipping Management

1. Ship broking and Chartering Practice
2. Economics of Sea Transport and International Trade
3. Shipping Finance
4. Multi-Modal Transport Logistics
5. Principles and Practice of Management (PPM)
6. Marine Insurance
7. Trade Project

Approval of the Training Institutions

Institutions offering this course should be recognized and approved by the ministry responsible for training and accredited by the Kenya Maritime Authority.

Duration of the Course

The course is designed to take 2970 hours of which 2310 are institutional hours and 660 hours are for industrial attachment. The course is structured in Modules as outlined below:

Module	Institution (Hours)	Industrial Attachment (Hours)	Total (Hours)
Module I	990	330	1320
Module II	660	330	990

Module III	660	-	660
Total	2310	660	2970

Entry Requirements

The trainee entering this course should have any of the following minimum entry requirements:

- a) Passed Certificate in Maritime Transport Logistics;
or
- b) Passed Kenya Certificate of Secondary Education (KCSE) with an average grade of C- (Minus)
or
- c) Equivalent qualifications as determined by Kenya National Examinations Council (KNEC) and Kenya Maritime Authority (KMA)

Training institutions

The candidates are expected to register for training at an institution approved to offer the course for the theoretical and practical studies.

Examinations and Award of Certificates

The assessment of all the modules shall be competency based. The Kenya National Examinations Council (KNEC) will offer external examinations to trainees in all modules covered during the training. The KNEC will issue the candidates with result slips for Modules passed and a final certificate or Diploma in Maritime Transport Logistics