



UNIVERSITY OF RIJEKA
FACULTY OF MARITIME STUDIES

BASIC SAFETY TRAINING

(In accordance with IMO model course 1.13; 1.19; 1.20; 1.21)

Rijeka, February 2004

1. SCOPE OF THE COURSE

This course provides appropriate training to meet the mandatory requirements for seafarers engaged in any capacity on board ship, before being assigned to any shipboard duties. Accordingly, the basic safety training course is composed of following parts:

- Personal survival techniques,
- Fire prevention and fire fighting,
- Elementary first aid, and
- Personal safety and social responsibilities

The course takes full account of Section A-VI/1 of the STCW Code adopted by the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers 1978, as amended.

2. OBJECTIVES

This course will give new seafarers an insight into the various elements of a ship and working procedures on board so that they adjust to the shipboard environment, and are better prepared to cope with any unforeseen circumstances.

The participants who successfully complete the course should be able to react in correct manner in the event of ship abandonment and in the event of an outbreak of fire.

Participants should be competent to take immediate action upon encountering an accident or medical emergency until the arrival of a responsible officer or a person with medical first aid skills.

In the matter of last part of the course, the participant successfully completing this course will be able to comply with emergency procedures, take precautions to prevent pollution of the marine environment, observe safe working practice and contribute to effective human relationship on board ship.

3. COURSE DURATION AND EXAMINATION

The course duration is 6 days (55 hours).

Examination is carried out by the examination board nominated by the Harbour Master's Office in Rijeka.

4. COURSE CERTIFICATE

Documentary evidence specifying the training is issued upon completion of the course and the dedicated certificate is issued after participant successfully complete the exam.

5. COURSE INTAKE LIMITATIONS

The number of students is limited up to 20 and practical training will be carried out in small groups.

6. TEACHING AIDS, EQUIPMENT AND FACILITIES

The classroom facility with appropriate safety equipment and with audiovisual support is available. The equipment, such as a complete set of personal safety equipment, lifejackets, inflatable lifejackets, lifebuoys, SART, EPIRB, first-aid kits, life-size dummy, dressings, bandages, etc. are available, as well as all equipment needed for fire drill such as water extinguishers, foam extinguishers, carbon-dioxide extinguishers, dry powder extinguishers, fire nozzles, protective clothing, etc.

The practical training takes place at fire-fighting facility and in the harbour (liferaft and lifeboat drills) located outside of the main building.

7. COURSE CONTENTS - SUBJECT AREAS

The course curricula consist of the following topics:

- **Personal Survival Techniques:**
 - Introduction, safety and survival
 - Emergency situations
 - Evacuation
 - Survival craft and rescue boats
 - Personal life-saving appliances (theory and demonstrations)
 - Survival at sea
 - Emergency radio equipment
 - Helicopter assistance
- **Basic Fire Fighting:**
 - Introduction, safety and principles
 - Theory of fire
 - Fire prevention
 - Fire detection
 - Fixed fire-extinguishing systems
 - Miscellaneous fire-fighting equipment
 - Ship fire-fighting organization
 - Fire-fighting methods
 - Fire-fighting drills
 - Review and final assessment
- **Elementary First Aid:**
 - General principles
 - Body structure and functions
 - Positioning of casualty

- The unconscious casualty
- Resuscitation
- Bleeding
- Management of shock
- Burns and scalds, and accidents caused by electricity
- Rescue and transport casualty
- Other topics
- **Personal Safety and Social Responsibilities:**
 - Observe safe working practices
 - Human relationships on board ship
 - Understand orders and be understood in relation to shipboard duties
 - Comply with emergency procedures
 - Take precautions to prevent pollution of the marine environment
 - Social responsibilities

