

**MODEL
COURSE
1.01**

**BASIC TRAINING FOR OIL
AND CHEMICAL TANKER
CARGO OPERATIONS**

2014 Edition

Contents

	<i>Page</i>
Introduction	1
Part A: Course Framework	4
Scope	4
Objective	4
Entry standards	4
Course certificate	4
Course intake limitations	4
Staff requirements	4
Teaching facilities and equipment	4
Use of simulators	5
Portable foam and fixed foam and dry chemical powder fire-fighting system	5
Design	5
Part B: Course Outline and Timetable	16
Part C: Detailed Teaching Syllabus	22
Part D: Instructor Manual	84
Appendix 1: Appended Diagrams	125
Appendix 2: Instructor Simulator Guidance Notes	161
Appendix 3: Suggested Case Study	164
Appendix 4: Suggested Case Study	166
Part E: Assessment and Evaluation	168
Annex 1 – Support Materials	172
Annex 2 – Sample Format for a Scheme of Work	173
Annex 3 – Sample Format for a Lesson Plan	175
Annex 4 – Topic 1.3 – Ship arrangement of an oil tanker	177
Annex 5 – Typical fixed foam and dry chemical powder fire-fighting installation	196
Guidance on the implementation of IMO model courses	205