Part B
Course Outline

MTI shall ensure that all trainees shall be given sufficient time to learn, understand and perform the practical training component of this course. It is understood that the number of hours for demonstration/practical work specified in the table below is indicative and allocated per group. Training hours shall be extended depending on trainees' successful acquisition of the required competence.

Topics	Time Allotment *(in hours)*	
	Theoretical	**Demonstration/ Practical Work**
Pre-test	0.5	
1. Introduction to the Course		
1.1 Course Overview	1.0	2.0
1.2 Instructors' Attributes	1.0	1.0
2. The International Maritime Organization and the STCW Convention [1]	0.5	-
2.1 The Role of the International Maritime Organization	1.0	3.0
2.2 The Purpose and Use of STCW Convention, Code and its Amendments		
2.3 Role of the Maritime Administration in the Implementation of STCW Convention	0.5	-
3. Educational Theories		
3.1 Outcomes-based Education and Training	1.0	-
3.2 Competency-based Training and Assessment	1.0	-
3.3 Constructive Alignment Theory	1.0	-
4. Principles of Teaching and Learning		
4.1 21st Century Skills	0.5	-
4.2 Principles of Learning	0.5	-
4.3 Learning Styles and Barriers to Learning	1.0	1.0
4.4 Classroom Management	0.5	1.0
5. Curriculum Development	2.0	-

[1] *This topic shall be a pre- course activity and a pre-requisite to the attendance to this course*

Topics	Time Allotment *(in hours)*	
	Theoretical	**Demonstration/ Practical Work**
6. Formulation of Learning Outcomes	2.0	6.0
7. Teaching Methods and Strategies 7.1 In-person Teaching 7.2 Open Distance e-Learning (ODeL)	 3.0 1.0	 7.0 1.0
8. Development of Instructional Materials	1.0	3.0
9. Facilitation Skills	1.0	-
10. Lesson Planning and Presentation	2.0	9.0
11. Assessing Learner's Performance 11.1 Methods of Assessment 11.2 Assessment Plan and Table of Specification	 2.0 1.0	 5.0 2.0
12. Course Evaluation 12.1 Levels of Evaluation 12.2 Course Evaluation Planning	 1.0 0.5	 - 3.0
13. Course Planning, Organization and Conduct	-	2.0
Sub-total	**26.0**	**46.0**
Post-test • Written • Practical	 1.0 5.0	
Summing-up	1.0	
Course Evaluation	0.5	
Total	**80.0**	

Notes:

1. *It is the responsibility of the training provider to determine the number of hours needed for the conduct of assessment both theoretical and practical as maybe applicable taking into account the number of trainees, number of assessors, number of equipment, vis-à-vis the number of test items for theoretical and the*

number of exercises for practical assessment.

2. *Time allotted in the practical demonstration shall be construed as the time allotted for 24 trainees, provided that all trainees have demonstrated the task or scenario and if the practical exercises are conducted by group, the rotation of roles is required.*