Course Description Form

Basic Course Specifications					
Course Title	:	**Safety Management Systems**			
Course Code	:	**OS 478**			
Program on which the course is given	:	❒ **Bachelor**	❒ **Diploma**	☐ **Master**	☐**Pre- PhD**
Academic year	:	**2015/2016**			
Specialization (units of study)	:	Theoretical (64. hrs) Simulator (.0. hrs) Practical (..0 hrs) Credit (2H)			
Pre-Requisites	:	None			

Overall Course Objectives

Students successfully completing this course will be able to know the Guide for Marine Health, Safety, Quality and Environmental Management which is developed with the objective of assisting ship-owners, and operators to improve the safety and environmental protections in the management and operation of ships.

Intended Learning Outcomes

Knowledge and Understanding

At the end of the course, students should be able to:
A1 Understand special measures to enhance maritime safety.
A2 Identify ISM code.
A3 Identify types of certificate
A4 Identify environmental aspects.
A5 Understand quality planning and objectives.
A6 Describe management system documentation.
A7 Identify resources, roles, responsibility, accountability, and authority.

Intellectual Skills

At the end of the course, students should be able to:
B1 The implementation of management programs correctly on
B2 Apply the system on offshore operations

Professional and Practical skills

At the end of the course, students should be able to:
C1 Selecting suitable search pattern.
C2 Identify audits procedure.
C3 Understand occupational health, safety, and environmental policy.
C4 Describe overriding authority.

General and Transferable skills

At the end of the course, students should be able to:

D1 Control of nonconforming materials and equipment.
D2 Analysis and improvement.
D3 Identify Hazards and Risk Assessment.

Course content

Lect. #	Topic	Hrs.#	Theoretical	Practical	Simulator
1	Introduction	4	4		
2	Certifications	4	4		
3	Policy	4	4		
4	Planning	4	4		
5	Planning cont.	4	4		
6	Management Programs	4	4		
7	Revision - 7th Week Examination.	4	4		
8	Implementation and Operation	4	4		
9	Cont. Implementation and Operation	4	4		
10	Competence, Training, and Awareness	4	4		
11	Exercise for selecting suitable search pattern	4	4		
12	Revision 12th week Exam	4	4		
13	Analysis and improvements	4	4		
14	Control of Records	4	4		
15	Management review	4	4		
16	Final Examination.	4	4		

Teaching & learning methods

Explanation of the lesson contents – discussing and asking questions to interact with students – solving examples and classroom tasks.

Facilities required for Teaching & learning methods

❒ **Projector**	❒ Overhead Slide	❒ **Books**	❒ **Video**	❒ Audio Cassette

Students Assessment Methods

Assessment Schedule

Assessment#1	Week 7
Assessment#1	Week 12
Assessment#1	Week 16

Grading Method

Attendance		
7th Week Examination	❒	**30 Marks**
12th week exam	❒	**20 Marks**
Assignments	❒	**5 Marks**
Projects		
Participation	❒	**2.5 Marks**

Oral Examination	❒	**2.5 Marks**
Final Examination	❒	**40 Marks**
		Total 100%

*Assessment criteria shall meet the standards of the STCW 78 convention "as amended""; and in the light of the related IMO model courses.

List of References

Course Notes

Description	:	Lecture notes recommended and revised by the course coordinator(s).

Essential Books

Description	:	ISM Code. OHSAS 18001:2007 Code ISO 9001:2008 Code ISO 14001:2004 Code

Recommended Books

Description	:	• ISM Code. • Occupational health OHSAS 18001:2007. • Quality ISO 9001:2008 • Environmental management ISO 14001:2004

Periodicals and publications

Description	:	

Others (websites, e-books…etc.)

Description	:	Nil