Course Description Form

Basic Course Specifications					
Course Title	:	**Rig and Platform Safety**			
Course Code	:	**OS 412**			
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 international standard for platform and mobile offshore drilling units which will facilitate the operation of these units and ensure a level of safety for such units, and for personnel on board.

Intended Learning Outcomes

Knowledge and Understanding

At the end of the course, students should be able to:
A1 Understand Operating manuals of platform and mobile offshore drilling units.
A2 Describe the life-saving appliances and equipment for platform and mobile offshore drilling units.
A3 Describe the Emergency procedures for platform and mobile offshore drilling units.
A4 Identify offshore hazards

Intellectual Skills

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

B1 Understand the international safety standards for platform and mobile offshore drilling units.
B2 Identify Offshore hazards, Personal and occupational risks

Professional and Practical skills

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

C1 Understand Personal Responsibility for Safety (P.R.F.S).
C2 Understand Helicopter safety.
C3 Describe Helicopter emergency procedures
C4 Identify Offshore hazards, Personal and occupational risks

General and Transferable skills

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

D1 Identify Personal and occupational risks.
D2 Understand procedures of Transport by helicopter to an offshore platform.
D3 Understand procedures of Fire prevention and Self Rescue on Offshore platforms

Course content					
Lect. #	**Topic**	**Hrs.#**	**Theoretical**	**Practical**	**Simulator**
1	code for the construction and equipment of mobile offshore drilling units, 2009 (2009 MODU CODE)	4	4		
2	code for the construction and equipment of mobile offshore drilling units, 2009 (2009 MODU CODE)	4	4		
3	code for the construction and equipment of mobile offshore drilling units, 2009 (2009 MODU CODE)	4	4		
4	code for the construction and equipment of mobile offshore drilling units, 2009 (2009 MODU CODE)	4	4		
5	code for the construction and equipment of mobile offshore drilling units, 2009 (2009 MODU CODE)	4	4		
6	code for the construction and equipment of mobile offshore drilling units, 2009 (2009 MODU CODE)	4	4		
7	Revision - 7th Week Examination.	4	4		
8	Safety awareness	4	4		
9	Transport by helicopter to an Offshore platform	4	4		
10	Transport by helicopter to an Offshore platform	4	4		
11	Fire prevention and Self Rescue on Offshore platforms	4	4		
12	Revision 12th week Exam	4	4		
13	Offshore working time in relation to performance, health and safety	4	4		
14	Offshore working time in relation to performance, health and safety	4	4		
15	Case study & 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	:	Lecturer handout

Recommended Books

Description	:	

Periodicals and publications

Description	:	

Others (websites, e-books…etc.)

Description	:	Nil