

IWCF Well Control Combined Level 2

Course outline		
Day 1		
Time	Subject	Lesson plan
09.00- 09.45	Introduction. Passport presentation. Complete IWCF form	1.01
09.45-10.10	BOP Stack Configuration and Side outlet valves	1.02
10.10-10.30	Diverters	1.05
10.30-11.00	Ram type preventer	3.1 – 3.4
11.00-11.30	Blind shear preventers	3.3
11.30 -12.00	Marine Riser System	3.4
12.00-13.00	Lunch Break	
13.00-13.30	Annular preventer	2.1
13.30-14.10	BOP test and Equipment	6.1
	Inside BOPs and Kelly cocks	6.1
14.10-14.30	Chock manifolds and Cocks	4.1
14.30-14.45	Mud/Gas Separator and vacuum degasser	4.2
14.34-15.00	Coffee Break	
15.00-15.30	Surface BOP Control system	5.1
15.30-16.00	Barrier Concept	5.03
16.00-16.20	Inflow test	5.06

Course outline		
Day 2		
Time	Subject	Lesson plan
8.00-8.30	Homework Review	
8.30-9.00	Well control incident, training and assessment	7.01
	Primary / Secondary well control and Rig calculations	7.01
9.00-9.15	Hydrostatic pressure/ well barrier philosophy	7.02
9.15-9.30	Formation pressure and abnormal pressure	7.04
9.30-9.40	Circulating System	7.06
9.40-9.50	Loss of hydrostatic pressure and pumping slug	7.07
9.50-10.10	Causes of kick	7.09
10.10-10.20	Coffee Break	
10.20-10.30	Swab and Surge pressure	8.02
10.30-10.40	Kick Warning sign and first action	7.10
10.40-10.50	Kick indicators and first action	7.11
10.50-11.00	Trip sheet	9.10
11.00-11.45	Fracture pressure	8.03
	Fracture pressure and MAASP	8.03
11.45-12.00	Top Hole	11.01
12.00-13.00	Lunch Break	
13.00-13.30	Gas cutting	8.07
	Influx characteristic and behavior	8.07
	Influx Migration	8.07
13.30-14.15	Subsea factors for surface candidates/Disconnecting Riser	12.07
14.15-14.45	Slow Circulating Rate	14.00
14.45-15.00	Coffee Break	
15.00-15.35	Risk Management	5.01
15.35-16.20	Review	

Course outline		
Day 3		
Time	Subject	
07.30-8.45	Homework Review and passport presentation	
TOTAL COURSE HOURS		15 HR
8.45-9.00	Coffee Break	
9.00-11.00	IWCF Level 2 Test	