



## Marine Meteorological Course for Royal Oman Navy

The Theory course as the following (11 – 22 Sep):

Date	08:30 - 09:50	Break (10 min)	10:00 – 11:20	Break (10 min)	11:30 – 12:50
Sunday 11/9	Introduction to the Directorate General of Meteorology and its activities		Course structure, and registrations to VLab		Pre-quiz, DGMET Tour
	Dr. Humaid Al Badi		Hilal Al Hajri		Ibrahim Al Abdulsalam
Monday 12/9	CAP System		Measured Parameters of Meteorology		Atmospheric pressure, wind, and their associated phenomena
	Munira Al Quraini		Moza Al Marhoobi		Afada Al Hubaishi
Tuesday 13/9	Weather instruments and their usage in observation		Weather instruments and their usage in observation (Field)		
	Alazhar Al Azri		Alazhar Al Azri		
Wednesday 14/9	Atmospheric structure and general air circulation		Synoptic observation Charts and Ship Weather Reports (Encoding & Decoding)		
	Aysha Al Qasmi		Manal Al Hashmi		
Thursday 15/9	Chart Analysis				Sultanate of Oman's summer season
	Mahmood Al Busaidi, Souha Al Shibli				Mohammed Al Mashaykhi
<b>Weekend</b>					
Sunday 18/9	Sultanate of Oman's winter season		Remote Sensing for weather applications		
	Bushra Al Saadi		Zamzam Al Rawahi		
Monday 19/9	Numerical Weather Predictions (NWP) and the Forecasting Techniques				
	Khalifa Al Sudairi, Dr. Humaid Al Badi , Jamal Al Hinai				
Wednesday 21/9	Red tide phenomenon and the scientific scope		The Fundamental Geophysics of Tsunamis and Early Warning Systems		
	Kauthar Al Jabri		Mahmood Al Busaidi		
Tuesday 20/9	Tropical Systems				
	Ibrahim Al Abdulsalam , Kahlan Al Toubi				
Thursday 22/9	Test & Course Survey		Visit the Multi-Hazard Early Warning Centre & Certificates and group pictures		
	Ibrahim Al Abdulsalam		Hilal Al Hajri		



## Marine Meteorological Course for Royal Oman Navy

The practical course as the following (25- 29 Sep):

Day Date	Topic of the day	Learn and practice 15:30 - 17:00	Simulation task 17:10 - 18:30	Submission 18:40 – 19:30	Lecturer
Sunday 25/9	<u>Weather Forecasting</u>	Weather Forecasting (NWP models, observations charts, Satellite)			Ahmed Al Balushi <b>Bushra Al Saidi</b> Souha Al Shibli Moza Al Marhoobi
Monday 26/9	<u>Tsunami</u>	Tsunami Early Warning Systems/Website			<b>Nora Al Kaabi</b> Ahmed Al Farsi
	<u>Marine Reports</u>	Marine Reports Visual Weather			Mohammed Al Amri <b>Aysha Al Qasmi</b> Kauthar Al Jabri
Tuesday 27/9	<u>Tsunami</u>	Tsunami Early Warning Systems/Website			<b>Nora Al Kaabi</b> Ahmed Al Farsi Sami Al Mamari
	<u>Marine Reports</u>	Marine Reports Visual Weather			Ahmed Al Balushi <b>Bushra Al Saidi</b> Souha Al Shibli Moza Al Marhoobi
Wednesday 28/9	<u>Weather Balloon (Radiosonde)</u>	Weather balloon (Radiosonde) Send, receive & preview, analysis			Zaher Al Shaqsi <b>Kauthar Al Jabri</b> Aysha Al Qasmi Mohammed Al Madhani
Day Date	Topic of the day	Learn and practice 08:30 – 10:00	Simulation task 10:10 - 11:30	Submission 11:40 – 12:30	Lecturer
Thursday 29/9	<u>Remote sensing (Satellite)</u>	Remote sensing (Satellite tools)			<b>Ibrahim Al Abdulsalam</b>