

OS499: Integrated System Science - Oceans and the Atmosphere

Week	Topic
1	Review of Meteorology
2	Review of Differential Calculus
3	
4	Problem Solving with Integral Calculus
5	
6	Instrumentation - O & A + Other Planets
7	Inter-Annual Cycles: El Niño and La Niña
8	
9	The Sea Surface Microlayer; Numerical Modeling (O & A)
10	
11	Intra-Annual Cycles: Madden Julian Oscillation
12	
13	Climate Prediction Modeling
14	

MT = Marine Transportation

OS = Ocean Studies

3 cr.; Pre-req: Meteorology (NS221) and Calculus I (MS150); 3rd - 5th yr