(الخطة الدراسية للمساق)
Course Plan

Course No.:1
Course Name: Forecasting Lab 1
Course Websitehttps:// https://uomustansiriyah.edu.iq/e-learn/profile.php?id=573

Time Division:
Semester & Year: 1 , 2022/2023

Course Description

- The first course includes experiments of calculated dynamical parameters which needed in forecasting using weather synoptic analysis maps.

Course Intended Outcomes:

- At the end of the first course, students are expected to learn: The student will learn how to calculate the dynamical processes using weather synoptic charts.

Lab Course Outline:

Week	Description depends on the Timing table (Theoretical & Practical)
1	Lab 1: Identify the Jet Stream and Unstable Atmospheric Region
2	Lab 2: Discussion the results
3	Lab 3: Finding Trough , Ridge and The Relative Vorticity
4	Lab 4: Discussion the results
5	Lab 5: surface fronts
6	Lab 6: Discussion the results
7	Lab7: mid-latitude depression evolution
8	Lab 8: Discussion the results
9	Lab9: First Exam

Textbooks:

Roland Stull 2016 "Practical Meteorology An Algebra-based Survey of Atmospheric Science"

Marking:

Course					Final Exam	Final Mark
1st exam	2nd exam	Practical	Activity	Total		
10	10	10	2	12	20	32

Assignments and/ or Projects:

Assignment/ Project	Description	Due Date	Marking
A report	A report submitted by the student on any external subject	Weakly	10

Instructor(s) information

Section: Atmospheric Sciences Building   Lecture Room: **Forecasting Lab**   Office No.:1

Instructor's Name: Assist Prof. Zahraa Salah   E-Mail: **Zahraa.atmsc@uomustansiriyah.edu.iq**

Instructor's Name: lecturer: Hdeel Jalil Assi   E-Mail   : **assihadil73@uomustansiriyah.edu.iq**

Office Hours: (8:30-12:30)

NOTES:
-Office Hour: Other office hours are available by appointment.
-The content of this syllabus not be changed during the current semester.

Lecturer Signature   Chairman Signature