**Ministry of Higher Education and Scientific Research**

**Mustansiriyah University /College of Science**

**Department of Atmospheric Science**

# Course Plan (الخطة الدراسیة للمساق)

***Course No; ( 1 ) Time Division***: …3…. **hr Theoretical and …2… hr Practical**

## *Course Name:* *atmospheric science lab 1* Semester & Year: First, 2022 / 2023

**Course Website:**

**Course Description:**

**This subject presents the This subject presents the This laboratory is interested in studying the anaerobic elements of temperature, humidity and wind and their effects on human life and society and how to take advantage of these elements in the affairs of society**

**Course Intended Outcomes:**

**------------------**

**Course Outline:**

|  |  |
| --- | --- |
| **Week** | **Description depends on the Timing table (Theoretical & Practical)** |
| 1 | **Psychrometer** |
| 2 | **solar map** |
| 3 | **Calculate the average depth of rainfall over a given area** |
| 4 | **Calculate standard deviation and standard error** |
| 5 | **wind rose** |
| 6 |  |

**Marking:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **First Semester** | | | |  | | **Final Exam** |
| **1st exam** | **2nd exam** | | **Practical** | | **Activity** | |  |
| 15 | 15 | |  | | 5 | | 70 |
| **Assignment/ Project** | | **Description** | | **Due Date** | | **Marking** | |
| **test** | | **written exam** | | **1/12/2018** | | **3** | |
| Quizzes | | Three or more quizzes | | During the course | | 3 | |

**Instructor(s) information [معلومات الأستاذ]**

**Section: (atmospheric science) ; Lecture Room:[ Lap ] , ; Office No.: ( 3 )**

**Instructor's Name: Assist. Prof.** Mohammad Majeed Ahmed

**E-Mail**:

|  |  |
| --- | --- |
| **Office Hours :** |  |
| **Wed.:[8:** 30 | **– 10 :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

**Ministry of Higher Education and Scientific Research**

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# Course Plan (الخطة الدراسیة للمساق)

***Course No; ( 2 ) Time Division***: …3…. **hr Theoretical and …2… hr Practical**

## *Course Name:* *atmospheric science lab 2* Semester & Year: second, 2022 / 2023

**Course Website:**

**Course Description:**

**This subject presents the This laboratory is interested in studying the anaerobic elements of temperature, humidity and wind and their effects on human life and society and how to take advantage of these elements in the affairs of society**

**Course Intended Outcomes:**

**------------------**

**Course Outline:**

|  |  |
| --- | --- |
| **Week** | **Description depends on the Timing table (Theoretical & Practical)** |
| 1 | **Human Classifications** |
| 2 | **Study the relationship between solar radiation and hours of brightness** |
| 3 | **Double Block Diagram** |
| 4 | **Estimation of the amounts of solar radiation on horizontal surfaces** |
| 5 | **Study of heat waves in solids** |

**Marking:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **First Semester** | | | |  | | **Final Exam** |
| **1st exam** | **2nd exam** | | **Practical** | | **Activity** | |  |
| 15 | 15 | |  | | 5 | | 70 |
| **Assignment/ Project** | | **Description** | | **Due Date** | | **Marking** | |
| **test** | | **written exam** | | **1/12/2018** | | **3** | |
| Quizzes | | Three or more quizzes | | During the course | | 3 | |

**Instructor(s) information [معلومات الأستاذ]**

**Section: (atmospheric science) ; Lecture Room:[Lap ] , ; Office No.: ( 3 )**

**Instructor's Name: Lecturer. Luma Mahdi matrood**

**E-Mail**: luma.atmsc@uomustansiriyah.edu.iq

|  |  |
| --- | --- |
| **Office Hours :** |  |
| **Wed.:[8: 30** | **–** 10 **: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