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**Department of Physics**

**College of Science**

**University of Salahaddin**

**Academic skill**

Course Book – (1st Year Physics)

Lecturer's name ***Dr. sardar Muhammad Rasheed kareem Al-Jumur***

Academic Year: 2023 -2022

**Course Book**

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| 1. Course name | Physical environment | |
| **2. Lecturer in charge** | Dr. sardar Muhammad rasheed | |
| **3. Department/ College** | College of Science, Physics Department | |
| **4. Contact** | E-mail: [sardar.kareem@su.edu.krd](mailto:sardar.kareem@su.edu.krd) | |
| **5. Time (in hours) per week** | Theory: 2.0 (two only) | |
| **6. Office hours** | At least 2 h/week | |
| **7. Course code** |  | |
| **8. Teacher's academic profile** | I received my B.Sc. …in physics, phD in atmospheric physics, MSc in meteorology..  …..  … | |
| **9. Keywords** | …..environment, pollution, atmosphere | |
| **10. Course overview:**  This course will provide a foundation level to the student in environment and atmospheric science in order to get the ability to apply physics law in the atmosphere, interpret the atmospheric phenomenon…..  ,,,,,  ----. | | |
| **11. Course objective:**  During this course students will have a good background in atmospheric science and environment science that is related to human health and global warming. | | |
| 1. **Student's obligation**   Students should attend all the lectures and listen to lecture, make notes , the may have lecture outside in free area to observe the environment instruments.  ……… | | |
| 1. **Forms of teaching**   This course will depend essentially on text books and watching some videos. quizzes are possible in addition to the daily activity.  ……  …….. | | |
| 1. **Assessment scheme**   **Monthly exam 30%**  For each chapter one Quiz and Homework 10%  Final examination 60% | | |
| 1. **Student learning outcome:**   At the end of this course students should be able to have a good background on the atmospheric layer and how the environment change with atmospheric phenomena in addition to have a good scenes with changing weather and good prediction . | | |
| **17. The Topics:** | | **Lecturer's name** |
| Week 1  Team work | |  |
| Week 2  Critical thinking | | |
| Week 3  How to write paper | | |
| Week 4  How to present your work by power point | | |
| Week 5  How to prepare poster | | |
| Week 6  Scientific debate | | |
| Week 7  Quize | | |
| Week 8  How to write a scientific paper | | |
| Week 9  Scientific meeting | | |
| Week 10  How attend international conference  How to get a strong personality | | |