Course Outline for *Atmospheric Chemistry and Physics*

February 20th, 2012

**Class hour:** 11:10-13:00, Monday (every other weeks); 10:10-12:00, Wednesday


**Lecturer:** Yee-Lin Wu, Phone number: 238-6764; E-mail: ylwu@mail.ncku.edu.tw

**Schedule:**

**Course Outline and Gradings:** 2/18;

**Introduction to the Atmosphere:** 2/18 ~ 2/25;

**Characterizations and Size Distributions of Particles:** 2/7 ~ 3/13;

*Homework # 1 due on 3/20*

**Atmospheric Compositions and Emission Inventory:** 3/18 ~ 4/8;

*Homework # 2 due on 4/17*

**First midterm examination on 4/17**

**Atmospheric Photochemistry:** 4/10, 4/15;

**Gaseous Phase Reactions:** 4/17 ~ 5/8;

**Aqueous Phase Reactions:** 5/13 ~ 5/22;

*Homework # 3 due on 5/27*

**Outline of term paper:** 5/27

**Second midterm examination on 5/29**

**Mass Transfer of Heterogeneous System:** 6/3 ~ 6/10;

**Atmospheric Chemical Transport Models:** 6/13 ~ 6/17;

*Homework # 4 due on 6/19*

**Term Paper Presentation:** 6/19, 6/24

**Final Examination:** Take home and due at 5 pm, 6/25

**Grading:**

- Homework: 20%
- Examination: 60%
- Term paper: 20%

**References:**