Course Outline for *Atmospheric Chemistry and Physics*

February 20th, 2012

**Class hour:** 11:10-12:00, Monday; 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:* 2/20;

*Introduction to the Atmosphere:* 2/20 ~ 2/29;

*Characterizations and Size Distributions of Particles:* 3/5 ~ 3/21;

  *Homework # 1 due on 3/26*

*Atmospheric Compositions and Emission Inventory:* 3/25 ~ 4/9;

  *Homework # 2 due on 4/9*

  **First midterm examination on 4/11**

*Atmospheric Photochemistry:* 4/16, 4/18;

*Gaseous Phase Reactions:* 4/23 ~ 5/9;

*Aqueous Phase Reactions:* 5/14 ~ 5/21;

  *Homework # 3 due on 5/23*

  **Second midterm examination on 5/23**

*Outline of term paper:* 5/28

*Mass Transfer of Heterogeneous System:* 5/30 ~ 6/11;

*Atmospheric Chemical Transport Models:* 6/13 ~ 6/20;

  *Homework # 4 due on 6/20*

  **Term Paper Presentation:** 6/25, 6/27

  **Final Examination:** Take home and due at 5 pm, 6/29

**Grading:**

  *Homework:* 20%;
  *Examination:* 60%;
  *Term paper:* 20%.

**References:**
