

Meteo 481: Weather Communication I -- Industrial Applications

Fall 2006

T,R 10:10-11:00, F 9:05-9:55

Bill Syrett

Office Hours: W 7:00-10:00 and by Appointment

Goal: To create an interdisciplinary environment where the learners will gain investigation skills in applications related to meteorological information in the business world

Skills

- | | |
|----------------------|--|
| Communication | - working with others
- report writing
- personal contact with a professional |
| Investigation | - division of labor
- unconventional exercises
- analytical thinking
- interpolation of information
- application of basic meteorology knowledge |

Assessment (typical 90-80-70, A-B-C distribution with no curve)

- Lab 1: Transportation Issues (group) (25%)
- One-Page Report (individual) (25%)
- Lab 2: Pollution Issues (group) (25%)
- Self/Cross-Evaluation and Survey Completion (individual) (25%)
- Class Participation (individual) (EX)
- *Science Times* Quizzes and Attendance/Tardiness (COURSE)

Teaching Outline

- Tue. 10/31: Introduction: Weather and Industry
- Weather Suppliers
- Weather Communicators
- Weather Consumers
- Thu. 11/02: *Science Times* Quiz
Lab I: Ground Transportation Logistics
- Fri. 11/03: Industry Representative
- Tue. 11/07: Lab I Due 10:10am
Emergency Management, Liability and Insurance Issues
Individual Report
- Thu. 11/09: *Science Times* Quiz
Individual Report Due 10:10am
Aviation Weather Hazards
- Fri. 11/10: Lab II: Noise Pollution Factors
- Tue. 11/14: Lab II Due 10:10am
Lab/Report Discussion
Introduction to Weather Communication II
- Thu. 11/16: *Science Times* Quiz
Wrap-Up
Course Section Survey
Evaluations