

Weather Communication II -- Industrial
T,R 10:10-12:05

Bill Syrett
Office Hours: W 8:00-10:00 and by Appointment

Goal: To create an interdisciplinary environment where the learners will Gain skills in communication and investigation related to applications in the non-science world

Specifics: You will develop a TOOL that industry can use, and in fact will want to use, to make money. You must:

- know your target's business
- know the science of meteorology
- prove to the business that your product is unique
- support yourselves on the money you'll get paid for this tool
- convince your target audience they will make more money if they pay you for your product

Skills

Communication

- peer presentations
- report writing
- personal contact with professionals
- effective teamwork

Investigation

- literature search
- internet exploration
- interpolation of information
- adaptation

Outcomes of Assignment (50 points, * denotes group grade)

- logical model development
- well-written, logically organized report with **references** (*)
- intelligent and confident oral presentation of plan with readily understandable graphics for a non-scientific audience
- relatively equal and fair division of labor among group members
- see <http://bub2.met.psu.edu/syrett/class/wxcom2/>

Teaching Outline (Industrial Only)

Class 1: Introduction to industrial application project (teams)
Assign specific duties to team members

Class 2: Discussion of models / Individual and group outlines due

Class 3: Possible guest speaker and business model discussion/questions
Progress reports for business model

Next Day: Draft Business Model Report Due at NOON

Class 4: Final organization of reports and presentations

Class 5: Final written business report due / Model presentations to business executives / Self-assessment and (industrial) class evaluation

Grading (Industrial Only)

25 points (50%) Final Written Report (Group)

15 points (30%) Oral Presentation (Individual)

10 points (20%) Evaluations (Individual)