ATM 413: Weather, Climate Change, and Societal Impacts

Term: Spring 2017       Class Number: 7621       Credits: 3
Monday, Wednesday, & Friday 11:30 AM - 12:25 PM in ES 223
http://www.atmos.albany.edu/facstaff/tang/classes/atm413/

Professor:
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Office hours: Tues., Thurs. 11 AM – 12 PM (or by appointment)

Prerequisites:
A ATM 210, A MAT 113, A ATM 211 or A ENV 250

Course Requirements:
In-class worksheets: 10%
Assignments: 40%
Term paper: 40%
Final presentation: 10%

The term paper consists of three elements: an abstract (due in early March), part one of the term paper (due in late March), part two of the term paper (due in late April), and an oral presentation (late April to early May). Exact due dates and information regarding each portion will be given separately.

Late assignments, late term papers, and makeup presentations will only be allowed for university recognized reasons (see medical excuse policy at http://www.albany.edu/health_center/medicalexcuse.shtml). Students are expected to uphold academic integrity standards (http://www.albany.edu/undergraduate_bulletin/regulations.html).

Grading:
A-E

Course Modules:

1. Weather/Climate Sensitivity
2. Snowstorms and Urban Hazards
3. Tropical Cyclones and Risk
4. Seasonal Forecasting and Energy
5. Climate Change and Policy
6. Space Weather and Technological Vulnerabilities