

CLIMATE CHANGE & THE FUTURE OF TAMPA BAY

A SHORT COURSE

BY THE **Tampa Bay Post Carbon Council**



Led by Council Members: *Ron Frase, Luke Melton, Jim Peterson, & Matt Cooper*

Syllabus

Meets for two hours every Tuesday at 10 am from February 7th to the 21st 2012
at the Stabile Research Building on the campus of the University of South Florida.

Week 1- Hour 1

1. An Introduction to the issues we will consider
 - Our situation on the earth
 - The importance of adopting post carbon policies.
2. Population: The weight of humanity
3. Climate 1: An introduction to the ocean of air above us
4. Discussion

Break

Hour 2

1. Climate 2: Expanding our knowledge of a vital resource
2. Discussion
3. The Oceans: A source of life - now threatened
4. Discussion

Week 2 - Hour 3 Biosphere Effects

1. The Fresh Water Environment: Wellspring of our civilization
2. Terrestrial Threats: A paradise paved over
3. Top Soil & Agricultural Practices: Precious assets, slipping away
4. Desertification: Increasing on most continents
5. Discussion

Break

Hour 4 - Resource Depletion

1. The Carbon Cycle: Millions of years in the making; Exhausted in 200
2. Oil: The heart of our dilemma
3. Minerals & Metals: Nonrenewable Technological Necessities in short supply
4. Discussion

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Week 3 - Hour 5 Climate and Energy

1. Consequences of Climate Change: Where we go from here
2. Energy Generation: How we get there
3. Responses to Climate Change: Realism or denialism
4. Discussion

Break

Hour 6 What you can begin to do about global warming now

- a. Shrinking your carbon footprint
 - b. Sustainability: reduce / reuse / recycle
 - c. Buying carbon offsets
 - d. Choosing how to travel
 - e. Choosing personal transportation
 - f. Voting
 - g. Working green
 - h. Renovating or building a smart house
 - i. Choosing a Community
 - j. A new way of Living
 - k. Buying food
 - l. How to take a vacation
 - m. Be an early adaptor
2. Discussion

Conclusion:

3. How our lives, and those of future citizens, may change
4. An invitation to join TBPCC, and to be active in public life.
5. Final questions and discussion



More information, references, & links can be found at www.tampabaypostcarbon.com

And at the Post Carbon Institute: <http://www.postcarbon.org>

E-mail: info@tampabaypostcarbon.com