



This week, thousands of colleges, high schools, middle & elementary schools are pausing to have a national discussion about the challenges of combating global warming.

At Sylvania, you can participate in the following events:



Monday, Jan. 28th: Free Showings of films *The 11th Hour* and *Peak Oil* (see www.pcc.edu/sustain)

Tuesday Jan. 29th: **Reduce/Reuse/Recycle Fair** 11:00am-2:00 pm Upper CC mall

Wednesday, Jan. 30th:

- **Guest Speaker Michael Armstrong** with the Office of Sustainable Development will be speaking on “*Climate Protection: Challenges and solutions for Portland.*” 1:00pm -2:00 pm, in ST107

Thursday, Jan. 31st:

- **Alternative Transportation and Energy fair** featuring guest **band Hungry Mob!** Lower CC Mall.
- **District Wide Teach-in** – special classroom lectures address interdisciplinary global warming solutions.
- **Guest Speaker John Breshears**, architect, will be speaking on *Sustainable design*, 9:00am-10:00 am Cedar room, contact amcnerth@pcc.edu for details
- **Guest Speaker Nathan Jones**, former PCC student senator, *Beyond Transform Transportation: PCC & the Youth Climate Movement*, 10:00am-11:00am upper CC mall
- **Guest Speaker Peter Murchie**, EPA scientist, member of the Governor's Advisory Group for Western Climate Initiative, will be speaking about alternative fuels, federal and regional policy. 11:00 am-noon, ST 309
- **Guest Speaker Jean Baumann**, volunteer with Al Gore's Climate project; will be speaking about *Global Warming: The Science and Solutions*, 1:00-2:00 pm Cedar room (CC building)



Well that's sound great...

But I'm a little confused

What does our class have to do with global warming?



Have you ever considered the possibility of being a “green” computer user and consumer?

- Let's take a few minutes to consider how we, as computer users and consumers, can take some steps to make a difference...

**Do you have a
computer turned on
at home right now?**

**Let's look at a common
myth about this...**



- ❑ Myth: It is bad to turn off the computer.
- ❑ Truth:
 - ❑ Computers are now designed to handle 40,000+ on/off cycles.
- ❑ Myth: Turning off your computer uses more energy than leaving it on.
- ❑ Truth:
 - ❑ The surge of power used to boot up is far less than the energy used when a computer is left on for more than 3 minutes!



Consider the Savings...

- A computer left on continuously for 1 year will emit 2,161 pounds of CO₂ - a major cause of global warming...



- Turning a computer off at night, so it runs only 8 hours a day, would greatly reduce this!

Is your printer on
whenever you
turn on your
computer?

your speakers?

your monitor?

your scanner?



- You can save power by:
 - ▣ Turning off all peripherals (scanners, speakers) until you want to use them
 - ▣ Turning printers on only when you're ready to print
 - ▣ Powering off your monitor when it's not in use instead of using screen savers.



Wait a minute!

I thought screen savers were supposed to save energy...

- Myth: Screen savers save energy.
- Truth:
 - ▣ Screen savers continually use the monitor at full power.
 - ▣ Screen savers do not save energy unless they actually turn off the screen.
 - ▣ The screen saver's original function of protecting monochrome monitors is now technologically obsolete.
- **So, turning your monitor off, if you're walking away from your computer for while, is a better green option...**

What about paper consumption?

Do you print out documents,
proof them, and then most times,
print them out again? **AND AGAIN?**



**Do you have any ideas about how we can
save energy and reduce paper usage?**

How can I be a green computer consumer?

- Consider energy efficiency when making new purchases:
 - ▣ A computer with a smaller “box” generally consumes less energy than a mini-tower or full-sized desktop machine.
 - ▣ Laptops are even more energy efficient.
 - ▣ Flat-panel monitors are far more energy efficient than conventional (CRT) monitors.
 - ▣ Consider purchasing a printer with duplex capability.
 - ▣ Inkjet printers also consume much less electricity than laser printers.

And don't forget...



- To recycle your old computers and peripherals when you buy new ones!
- Several computer manufacturers will recycle your old computer systems for you.
- Two local organizations that recycle unwanted computer hardware are:
 - Free Geek www.freegeek.org
 - Bear eCycling www.bearecycling.com
- We will be having an electronics recycling event here on campus **Saturday, May 17th**. Mark your calendars & stay tuned for more information...