

## Science center Classrooms



Heating & Cooling System Description  
and  
How it works.

## SWARTHMORE COLLEGE

For Maintenance requests  
Email [workbox@swarthmore.edu](mailto:workbox@swarthmore.edu) or  
Phone X 8280

## Room Heating Tips.

Be certain that windows are shut tightly.

Don't forget the upper section of the window.

Windows that are not completely closed allow cold air into the room.

If your windows won't shut properly call

Facilities Management at x8280 to report the problem.

Closing you window shades or  
draperies can help keep the cold out.

Don't place heat producing lamps  
or other appliances near the thermostat  
as this can fool the thermostat into  
reducing the heat supplied to the room.

**Classrooms must be scheduled through  
"Space" or the Registrars office to have  
heating or cooling!**

The heat for the Science Center is supplied by steam from the boilers in the Heat Plant located across the street from the Field House. The boilers can burn either natural gas or #6 heavy oil. During the coldest weather the College can burn 5,500 gallons of oil a day to heat the various buildings. Cooling is provided by chilled water which comes from either McCabe Library or the chiller plant behind the Science Center.

Underground pipes supply the steam to many of the buildings on the Campus. After the steam is used to heat the buildings it condenses back into water that's returned to the Heating Plant to be turned into steam again.

Science Center Classrooms are provided cooling, heating And ventilation air from vents in the ceiling. This air is supplied from various air handlers in the mechanical rooms.

Each room has it's own thermostat to control the space temperature. The thermostats are not adjustable by the room occupants.

College policy for heating in occupied times 68-72°. Thermostats are limited by the automation system to a maximum heating temperature of 72°. Cooling in occupied times is limited to not lower than 73°.

During unoccupied times the heating & air conditioning are reduced.

The Science Center has heating and cooling available through out the year. (air conditioning is available only when the campus chilled water system is operating).

More College energy information can be found at;  
<http://www.swarthmore.edu/x29161.xml>

# Science Center classroom heating / cooling system.



Cool / Warm  
air out