

Coastal Carolina U

Senior  
CCU Global change

# Global Change and Atmospheric Science

## Spring 1998

**Instructor** – Dr. Craig Gilman, Room 105D, 349-2228  
Office Hours: T,Th 10:00 - 3:00

**Meeting Time** – MWF 11:30 – 12:20 Room 122, M 2:30 Room 202

**Text:** Meteorology: The Atmosphere and the Science of Weather (Moran & Morgan)

<b>Week</b>	<b>Topics</b>	<b>Reading (pgs.)</b>
Jan 19-23	Atmospheric Structure, Radiation	16-20, 24-29
Jan 26-30	Ozone Depletion, The Seasons	33-63
Feb 2-6	Heat and Heat Imbalances	69-83, 91-106
Feb 9-13	Air Pressure, Humidity	109-121, 124-136
Feb 16-20	Moisture in the Atmosphere	136-146, 153-164
Monday, Feb 23 <b>Exam I</b>		
Feb 23-27	Clouds, Precipitation	164-175, 178-185
Mar 2-6	Optics, The Wind	190-196, 200-215
Mar 9-13	Global Circulation, ENSO	227-247
Mar 16-20	<i>Spring Break</i>	
Mar 23-27	Air Masses, Fronts, Storms	253-276
Mar 30-Apr 3	Local Systems, Thunderstorms	287-304, 307-329
Monday, Apr 6 <b>Exam II</b>		
Apr 6-10	Tornadoes & Hurricanes	335-344, 355-372
Apr 13-17	The Climate Record	425-438, 451-467
Apr 20-24	Climate Change	471-487
Apr 27-31	Future Climate	

Friday, May 8 10:00 **Exam II**