

### ENV H 490 Class Schedule, Spring 2007

Date	Topic	Instructor(s)	Readings**
March 28 (W)	Introduction	S Vedal, D Kalman	
March 30 (F)	Air pollution sources/components	S Vedal	Ch 2; [1, <u>2</u> ]
April 4 (W)	Air pollution: dynamics/ meteorology/ chemistry/transport (I)	D Kalman	Ch 1, 2 & 3
April 6 (F)	Air pollution: dynamics/ meteorology/ chemistry/transport (II)	D Kalman, T Larson	Ch 1, 2 & 3
April 11 (W)	Criteria pollutant health effects (I)	S Vedal	Ch 5
April 13 (F)	Criteria pollutant health effects (II)	S Vedal	Ch 5
April 18 (W)	Hazardous air pollutants	D Kalman	[3,4,5,6,7,8]
April 20 (F)	Welfare effects	S Vedal	Ch 6 & 4 (4.1-6)
April 25 (W)	Global warming (greenhouse gases)	S Vedal, D Kalman	Ch 4 (4.7); [9, 10, <u>11</u> ]
April 27 (F)	Air pollution standards/guidelines	S Vedal	Ch 8
May 2 (W)	Mid-term examination		
May 4 (F)	Air quality monitoring	D Kalman	Ch 7; [12,13,14]
May 9 (W)	Air pollution control methodology/ technology; Toxicology	D Kalman, J Lewtas	Ch 9 & 10 [ <u>15,16,17,18,19</u> ]
May 11 (F)	Air quality management (I): local resources	K Himes (PSCAA)	[20,21,22]
May 16 (W)	Special topic 1: wood burning	A Fowler (PSCAA)	[ <u>23</u> ]
May 18 (F)	Pro-con assignments; Topics continued	S Vedal, D Kalman	
May 23 (W)	Special topic 2: alternative fuels	L Stanton (PSCAA)	
May 25 (F)	Indoor air quality/health effects	S Vedal	Ch 11
May 30 (W)	Air quality management: pro-con topics	student discussions	
June 1 (F)	TBA	S Vedal	

\*\* Chapters (sections) are in Godish (Air Quality, 4<sup>th</sup> ed).  
 Numbers in brackets [ ] refer to supplemental readings identified in the course syllabus (see Readings). Underlined supplemental readings are elective.