PHY 499S
EARTH OBSERVATIONS FROM SPACE
Spring Term, 2005
GENERAL INFORMATION

LECTURER:

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LECTURES:

10:10 - 11:00 PM, Tuesdays, room MP713
[10:10 - 11:00 AM, Fridays, room MP713]
Friday Lecture changed to: _____

MARKING:

20%	problem sets (2-4)
15%	mid-term test
15%	term paper
15%	presentation
35%	final exam

HOME PAGE: http://www.atmosp.physics.utoronto.ca/people/strong/phy499/phy499.html

TEXTBOOK: There is no course textbook. Lectures are posted on the course home page. Some materials will be handed out in class. Most of the course material is covered in the following books.

REFERENCES:

For the following, one copy is on reserve in the Physics Library and one copy is on short-term (five-day) loan in the Gerstein Science and Medicine Library.

(1) Satellite Meteorology: An Introduction, Kidder & Vonder Haar, Academic Press, 1995.

(2) Remote Sounding of Atmospheres, Houghton, Taylor & Rodgers, Cambridge U. Press, 1986.

(3) Atmospheric Radiative Transfer, Lenoble, A. Deepak Publishing, 1993.

(4) An Introduction to Atmospheric Radiation, Liou, Academic Press, 1980.

(5) Physical Principles of Remote Sensing, Rees, Cambridge University Press, 1990.

(6) Remote Sensing of the Lower Atmosphere, Stephens, Oxford University Press, 1994.

(7) Space Image Processing, Sanchez & Canton, CRC Press, 1999. *[only in Physics Library]*