

**MEA715 Tentative course schedule (revised on 10/27)**

Fall 2009

<u>date</u>	<u>topics</u>	<u>primary instructor</u>
08/20/09	<i>no class meeting: AMS mesoscale conference</i>	-----
08/25/09	Introduction and policies; Identification of clouds (ch. 1)	Yuter
08/27/09	Review of basic atmospheric dynamics (ch. 2)	Parker
09/01/09	Cloud microphysics: liquid (ch. 3)	Yuter
09/03/09	Cloud microphysics: liquid (ch. 3)	Yuter
09/08/09	Atmospheric dynamics (ch. 2)	Parker
09/10/09	Atmospheric dynamics (ch. 2)	Parker
09/15/09	Atmospheric dynamics (ch. 2)	Parker
09/17/09	Atmospheric dynamics (ch. 2)	Parker
09/22/09	Cloud microphysics: ice (ch. 3)	Yuter
09/24/09	Correia mesoscale dynamics seminar	-----
09/29/09	Cloud microphysics: ice (ch. 3)	Yuter
<b>10/01/09</b>	<b>Midterm exam 1</b>	-----
10/06/09	Shallow-layer clouds (ch. 5)	Yuter
10/08/09	<i>Fall break</i>	-----
10/13/09	Shallow-layer clouds (ch. 5)	Yuter
10/15/09	Nimbostratus (ch. 6)	Yuter
10/20/09	Nimbostratus (ch. 6)	Yuter
10/22/09	Finish dynamics (sect. 2.9)/ Cumulus dynamics (ch. 7)	Parker
10/27/09	Cumulus dynamics (ch. 7)	Parker
10/29/09	Cumulus dynamics (ch. 7) / Thunderstorms (ch. 8)	Parker
11/03/09	Thunderstorms (ch. 8)	Parker
11/05/09	Thunderstorms (ch. 8)	Parker
11/10/09	Mesoscale convective systems (ch. 9)	Yuter
11/12/09	Mesoscale convective systems (ch. 9)	Yuter
11/17/09	Mesoscale convective systems (ch. 9)	Parker
<b>11/19/09</b>	<b>Midterm exam 2</b>	-----
11/24/09	Orographic clouds (ch. 12)	Yuter
11/26/09	<i>Thanksgiving break</i>	-----
12/01/09	Orographic clouds (ch. 12)	Yuter
12/03/09	hot topics: VORTEX2	Parker
<b>12/17/09</b>	<b>Final exam</b>	-----