

Version 2, 12 August 2008

**MEA 714, Fall 2008:** Course Schedule (subject to change). See separate document for readings assigned each week.

<b>Week of:</b>	<b>Course Week</b>	<b>Activity</b>	<b>Topics</b>	<b>Activities</b>
<b>8/18</b>	<b>1</b>	1 Meeting	Introduction (MP), Radar as a tool (SY)	
<b>8/25</b>	<b>2</b>	2 Meetings	Modeling as a tool (MP); Microphysics review (SY)	Assign student presentations
<b>9/1</b>	<b>3</b>	2 Meetings	Dynamics review (MP); Latent heat release on small and large scales (SY)	
<b>9/8</b>	<b>4</b>	2 Meetings	Dry convection, mixing, buoyancy sorting (MP); instructors' sample article presentations (MP&SY)	
<b>9/15</b>	<b>5</b>	2 Meetings	Drizzle and Sc I & II (sy)	Start student presentations
<b>9/22</b>	<b>6</b>	2 Meetings	Cumuli; Convective initiation (mp)	
<b>9/29</b>	<b>7</b>	2 Meeting	Cumulonimbi I & II (mp)	Explanation of semester project
<b>10/6</b>	<b>8</b>	1 Meeting	Demonstration on analyzing a controversy (RKW theory: MP); Fall break	
<b>10/13</b>	<b>9</b>	2 Meetings	Severe convective storms I & II (mp)	
<b>10/20</b>	<b>10</b>	2 Meetings	Severe convective storms III & IV (mp)	<b>Due:</b> 1-page html outlining controversy
<b>10/27</b>	<b>11</b>	2 Meetings	Convective precipitation; Tropical convection (sy)	
<b>11/3</b>	<b>12</b>	2 Meetings	MCSs I & II (mp&sy)	<b>Due:</b> 1-page html outlining opinion on controversy
<b>11/10</b>	<b>13</b>	2 Meetings	MCSs III (mp&sy); <b>Group short oral reports</b>	<b>Due:</b> 12 min reports from each group
<b>11/17</b>	<b>14</b>	2 Meetings	Orographic processes I (sy); <b>Group Poster sessions</b>	<b>Due:</b> Poster
<b>11/24</b>	<b>15</b>	1 Meeting	Orographic processes II (sy); Thanksgiving holiday	
<b>12/1</b>	<b>16</b>	2 Meetings	Hot Topics (tba)	