

# GC 170A1 Sec 001+002 SEMESTER-ON-A-PAGE – FALL 2015

NOTE: This schedule may need to be revised as the semester progresses – updates will be posted online

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>AUGUST</b>	Aug 23	<b>24</b> #1 -- Course Overview & #2 – Global Change: the Big Picture	25	<b>26</b> #3 – Matter & Energy Overview <b>RQ- A &amp; B</b> <i>(Practice online quizzes)</i>	27	28	29
	30	<b>31</b> #3 - Matter & Energy Applied <b>RQ-1 CUTOFF</b>	SEP 1	<b>2</b> #4 – Electromagnetic Radiation	3	4	5
<b>SEPTEMBER</b>	8	<b>7</b> Labor Day <i>- no classes -</i>	8	<b>9</b> #5 - The Radiation Laws - I <b>RQ-2 CUTOFF</b>	10	11	12
	13	<b>14</b> #5 - The Radiation Laws - II	15	<b>16</b> <b>TEST #1</b>	17	18	19
	20	<b>21</b> #6 – Atmo Structure & Chemical Composition - I <b>RQ-3 CUTOFF</b>	22	<b>23</b> #6 – Atmo Structure & Chemical Composition - II	24	25	26
<b>OCTOBER</b>	27	<b>28</b> #7 A –Thermodynamics, Energy Transfer & Storage <b>RQ-4 CUTOFF</b>	29	<b>30</b> #7 B – Thermodynamics Laws / Motion Laws & Energy Transformations	OCT 1	2	3
	4	<b>5</b> #7 C – Applications: Energy Efficiency, Transportation & Global Change	6	<b>7</b> <b>TEST #2</b>	8	9	10
	11	<b>12</b> #8 – The Global Energy Balance - Introduction	13	<b>14</b> <b>MIDTERM EXAM</b>	15	16	17
	18	<b>19</b> #8 – The Global Energy Balance - Applied	20	<b>21</b> #9 – Systems & Feedbacks <b>RQ-5 CUTOFF</b>	22	23	24
<b>NOVEMBER</b>	25	<b>26</b> #10 – How Climate Works: “A Primer”	27	<b>28</b> #11 Natural Climatic Forcing <b>R Q-6 CUTOFF</b>	29	30	31
	NOV 1	<b>2</b> <b>TEST #3</b>	3	<b>4</b> #12 – Ozone Depletion- I <b>RQ-7 CUTOFF</b>	5	6	7
	8	<b>9</b> 12 – Ozone Depletion- II	10	<b>11</b> <i>Veteran’s Day - no classes -</i>	12	13	14
	15	<b>16</b> #13 A: Global Warming I Carbon Sources & Sinks <b>RQ-8 CUTOFF</b>	17	<b>18</b> #13 B: Global Warming II Radiative Forcing	19	20	21
	22	<b>23</b> #13 C: Global Warming III Natural Archive evidence	24	<b>25</b> To Be Announced	26	27	28 <i>Thanks giving Break</i>
<b>DECEMBER</b>	29	<b>30</b> #13 D: Global Warming IV Sorting it all out w/ Models	DEC 1	<b>2</b> <b>TEST #4</b>	3	4	5
	6	<b>7</b> #14 Climate Change: Where Do We Go From Here?	8	<b>9</b> Global Change Wrap-Up	10 <i>Reading Day</i>	11 <i>Finals Begin</i>	12
	13	14	15	<b>16</b> <b>FINAL EXAM</b> 1:00 pm – 3:00 pm <b>RQ-9 CUTOFF</b>	17	18	19

Online Self Test & Readiness Quiz (RQ) Topics

*\* practice quizzes*

- RQ-A – Syllabus & FAQ \*
- RQ-B – Global Change Overview \*
- RQ 1 – Energy & Matter
- RQ 2 – Electromagnetic Spectrum
- RQ 3 – Atmo Structure & Composition

- RQ 4 – Thermodynamics & Laws of Motion
- RQ 5 – Systems & Feedbacks
- RQ 6 – Natural Climatic Processes & Forcing
- RQ 7 – Ozone Depletion
- RQ 8 – Global Warming
- RQ 9 – Global Change Recap \*

check off the RQs as you complete them – CUTOFF DATES are listed in calendar above