<table>
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<th>Day of the week</th>
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| Tuesday         | 7/8  | 1     | * syllabus, pre-req: ME 215 and MA 227  
|                 |      | *     | preview closed sys power cycles (9.1 – 9.5)  
|                 |      | *     | in-class exercise  
|                 |      | *     | HW: read 9.1 – 9.6 |
| Wednesday       | 7/9  | 2     | * review ic engine power cycles (9.5 – 9.7)  
|                 |      | *     | exercises: Carnot and Otto  
|                 |      | *     | HW: read 9.8 – 9.11  
|                 |      | *     | problems: set # 1 and conceptual questions |
| Thursday        | 7/10 | 3     | * review Brayton cycle (9.8 – 9.11)  
|                 |      | *     | exercises: Diesel and Brayton cycles  
|                 |      | *     | HW: read 10.1 – 10.3  
|                 |      | *     | problems: sets # 2 & #3 and conceptual questions |
| Friday          | 7/11 | 4     | * review Brayton regen. And jet engine cycles  
|                 |      | *     | 2 Brayton cycle problems  
|                 |      | *     | HW: read 10.4 – 10.6  
|                 |      | *     | problems: set # 3a and conceptual questions |
| Monday          | 7/14 | 5     | * review Rankine cycle  
|                 |      | *     | review Rankine w/ reheat & non-ideal  
|                 |      | *     | problems: set # 4 and conceptual questions |
| Tuesday         | 7/15 | 6     | * review Rankine w/ regeneration  
|                 |      | *     | problem set # 5 |
| Wednesday       | 7/16 | 7     | * review for Exam #1 |
| Thursday        | 7/17 | 8     | * Exam #1  
|                 |      | *     | review Exam #1 |
| Friday          | 7/18 | 9     | * review refrigeration cycle  
|                 |      | *     | HW: read 11.1 – 11.6  
|                 |      | *     | problems: none |
Monday 7/21 10 * review refrigeration cycle
* problems: sets #6 and #7

Tuesday 7/22 11 * review gas mixtures
* HW: read 14.1 – 14.5
* problems: set #8

Wednesday 7/23 12 * review psychrometrics I
* HW: read 14.6 – 14.7
* problems: set #9

Thursday 7/24 13 * review psychrometrics II
* HW: no new reading
* problems: set #10

Friday 7/25 14 * review for exam #2
* HW: no new reading
* problems: no new problems

Monday 7/28 15 * EXAM #2
* review exam
* HW read 15.1 – 15.3

Tuesday 7/29 16 * Combustion processes
* HW: read 15.4 – 15.5
* problems: set #11

Wednesday 7/30 17 * Combustion processes
* HW: read 15.6, 16.1 – 16.3
* problems: set #12

Thursday 7/31 18 * Entropy change in reacting systems
* Chemical equilibrium
* HW: read 16.4, 17.1 – 17.3
* problems: set #13

Friday 8/1 19 * Compressible flow
* HW: read 17.4 – 17.6
* problems: set #14

Monday 8/4 20 * Compressible flow
* HW: no new reading
* problems: set #15

Tuesday 8/5 21 * HW: no new reading
* problems: set #16 & 17
Wednesday 8/6 22 * Reminder: Final 2 – 4:30 pm, Friday 8 Aug.
* Review for final