# Syllabus and Schedule

## Thermal Physics P321

### Spring 2003, Section 71016

<table>
<thead>
<tr>
<th>#</th>
<th>Date</th>
<th>In class</th>
<th>&quot;Thermal Physics&quot;</th>
<th>Home work due date</th>
<th>Home work problems</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>January 14</td>
<td>Introduction</td>
<td>1.1, 1.2</td>
<td>[\ldots] optional</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>16</td>
<td></td>
<td>1.3, 1.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>21</td>
<td></td>
<td>1.5, 1.6</td>
<td>HW 1 Ch1: 1, 3, 8, 9, 13, 14, 16, 17, 21</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>23</td>
<td></td>
<td>1.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>28</td>
<td></td>
<td>2.1, 2.2</td>
<td>HW2 Ch1: 23, 24, 26, 28, 31, 34, 37, 40, 45, 48, 50</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>30</td>
<td></td>
<td>2.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>February 04</td>
<td></td>
<td>2.4</td>
<td>HW3 Ch2 : 1, 2, 3, 5, 6, 7, 8, 9</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>06</td>
<td></td>
<td>2.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>11</td>
<td></td>
<td>2.6</td>
<td>HW4 Ch2 : 12, 14, 16, 17, 18, 21, 22</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>13</td>
<td></td>
<td>3.1, 3.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>18</td>
<td></td>
<td>3.3, 3.4</td>
<td>HW5 Ch2: 27, 29, 33, 36, 39, 40, 42; Ch3: 1, 5, 8, 10</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>20</td>
<td></td>
<td>3.5, 3.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>25 Test  #1</td>
<td></td>
<td></td>
<td>HW6 Ch3: 14, 16, 17, 21, 22, 23, 24, 29, 34, 38</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>27 #1 discussion</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>March 04 Test #1a</td>
<td></td>
<td>Ch. 1-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>06</td>
<td></td>
<td>4.1, 4.2 [4.3, 4.4]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>11</td>
<td></td>
<td>5.1, 5.2</td>
<td>HW7 CH4: 1, 2, 3, 6, 10, 11, 12, 16, 19, 20</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>13</td>
<td></td>
<td>5.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>25 Spring break</td>
<td></td>
<td>[5.4, 5.5, 5.6]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Spring break</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>April 01 Test #2</td>
<td></td>
<td>Ch 4 -6</td>
<td>HW10 Ch6: 31, 33, 34, 36, 39, 42, 44, 45, 47, 49</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>03</td>
<td></td>
<td>6.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>08 Test #2</td>
<td></td>
<td></td>
<td>HW10 Ch6: 31, 33, 34, 36, 39, 42, 44, 45, 47, 49</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>10</td>
<td></td>
<td>7.1, 7.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>15</td>
<td></td>
<td>7.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>17</td>
<td></td>
<td>7.4</td>
<td>HW11 Ch7: 2, 8, 10, 11, 13, 16, 19, 20, 23, 25, 29, 33</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>22</td>
<td></td>
<td>7.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>24</td>
<td></td>
<td>7.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>29 Prep. for finals</td>
<td></td>
<td></td>
<td>HW12 Ch7: 38, 39, 44, 48, 51, 53, 54, 58, 61, 66, 67</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>May 08</td>
<td>Final Exam</td>
<td></td>
<td>All above</td>
<td>8:00-10:10 am, Rm 512 Nielsen</td>
</tr>
</tbody>
</table>