

<b>WEEK</b>	<b>DATES</b>	<b>PROBLEM SET/LAB</b> <b>PS = Problem set</b> <b>E = Experiment</b>
<b>1</b>	<b>1/20 – 1/23</b>	<i>Work on PS 1</i> <b>PS1:</b> Chapter 11- 38, 42, 52, 54, 58, 64 <b>Lecture:</b> Intro/Chapter 11 <b>Lab:</b> None
<b>2</b>	<b>1/26 – 1/30</b>	<i>Work on PS 2</i> <b>PS2:</b> Chapter 11- 72, 76, 82, 86, 92, 96 <b>Lecture:</b> Chapter 11/12
<b>3</b>	<b>2/2 – 2/5</b>	<i>Work on PS 3</i> <b>PS3:</b> Chapter 12- 26, 28, 30, 34, 38, 40, 44, 50, 56, 60, 70, 74 <b>Lecture:</b> Chapter 12 <b>Lab: None</b>
<b>4</b>	<b>2/9 – 2/13</b>	<i>Work on PS 4</i> <b>PS4:</b> Chapter 13- 26, 28, 34, 36, 38, 42 <b>Lecture:</b> Chapter 13 <b>Lab: E10 (The vapor pressure and Enthalpy of Vaporization)</b>
<b>5</b>	<b>2/16 – 2/20</b>	<i>Work on PS 5</i> <b>PS5:</b> Chapter 13- 48, 50, 54, 58, 68, 74, 78, 90, 94 <b>Lecture:</b> Chapter 13 <b>Lab: E11 (Freezing Point Depression)</b>
<b>6</b>	<b>2/23 – 2/27</b>	<i>Work on PS 6</i> <b>PS6:</b> Chapter 14- 22, 30, 40, 42, 52, 54, 58, 62, 70, 76, 80, 82 <b>Lecture:</b> Chapter 14 <b>Lab: None</b>
<b>7</b>	<b>3/2 – 3/6</b>	<i>Work on PS 7</i> <b>PS7:</b> Chapter 14- 86, 92, 96, 102, 110, 114, 118, 124, 130, 133, 138 <b>Lecture:</b> Chapter 14 <b>Lab: E12 (Rates of reaction)</b>

<b>8</b>	3/9 – 3/13	<i>Work on PS 8</i>  <b>PS8:</b> Chapter 15- 22, 26, 30, 32, 40, 44, 46, 48, 54, 58
		<b>Lecture:</b> Chapter 15
		<b>Lab:</b> <i>E13 (K for chemical reactions)</i>
<b>9</b>	3/23 – 3/27	<i>Work on PS 9</i>  <b>PS9:</b> Chapter 15- 62, 64, 68, 72, 74, 80, 86
		<b>Lecture:</b> Chapter 15
		<b>Lab:</b> <i>E14 (pH measurements)</i>
<b>10</b>	3/30 – 4/3	<i>Work on PS 10</i>  <b>PS10:</b> Chapter 16- 24, 26, 30, 40, 44, 48, 54, 62, 6, 68, 76
		<b>Lecture:</b> Chapter 16
		<b>Lab:</b> None
<b>11</b>	4/6 – 4/10	<i>Work on PS 11</i>  <b>PS11:</b> Chapter 17- 30, 36, 38, 46, 52, 60, 64, 68, 72, 76, 84, 86
		<b>Lecture:</b> Chapter 17
		<b>Lab:</b> <i>E15 (Hardness of water)</i>
<b>12</b>	4/13 – 4/17	<i>Work on PS 12</i>  <b>PS12:</b> Chapter 18- 21, 22, 38, 40, 44, 46, 52, 54, 60, 62
		<b>Lecture:</b> Chapter 18
		<b>Lab:</b> <i>E18 (Thermodynamic measurements)</i>
<b>13</b>	4/20 – 4/24	<i>Work on PS 13</i>  <b>PS13:</b> Chapter 18 – 70, 76, 80, 84 (a, b), 92, 96, 100
		<b>Lecture:</b> Chapter 18
		<b>Lab:</b> <i>E19 (Voltaic measurements)</i>
<b>14</b>	4/27 – 5/1	<i>Work on Chapter 19</i> Chapter 19- 16, 20, 30, 32, 40, 44, 56
		<b>Lecture:</b> Chapter 19
		<b>Lab:</b> check out