

Lecture Plan

Note: The lecture plan is tentative and subjected to possible modification.

Topic and No. of lecture	Scheduled date
<p>CHAPTER 1: Special theory of Relativity</p> <p>154 PPT.</p> <p>8 lectures</p>	<p>17 Dec 07 (Mon) - Briefing, no lecture</p> <p>19 Dec 07 (Wed) - Lecture 1</p> <p>21 Dec 07 (Fri) - Lecture 2</p> <p>24 Dec 07 (Mon) - Lecture 3</p> <p>26 Dec 07 (Wed) - Lecture 4</p> <p>28 Dec 07 (Fri) - Tutorial 1</p> <p>31 Dec 07 (Mon) - Lecture 5</p> <p>2 Jan 08 (Wed) - Lecture 6</p> <p>4 Jan 08 (Fri) - Tutorial 2</p> <p>7 Jan 08 (Mon) - Lecture 7</p> <p>9 Jan 08 (Wed) - Lecture 8</p>
<p>CHAPTER 2: PROPERTIES OF WAVES AND MATTER, BLACK BODY RADIATION</p> <p>77 PPT</p> <p>4 lectures</p>	<p>11 Jan 08 (Fri) - Tutorial 3</p> <p>14 Jan 08 (Mon) - Lecture 9</p> <p>16 Jan 08 (Wed) - Lecture 10</p> <p>18 Jan 08 (Fri) - Tutorial 4</p> <p>21 Jan 08 (Mon) - Lecture 11</p> <p>23 Jan 08 (Wed) - Public</p>

	<p>Holiday (Thaipusum)</p> <p>Extra class to make up for lecture 12 - date to be fixed</p>
<p><u>CHAPTER 3:</u></p> <p>EXPERIMENTAL EVIDENCES FOR PARTICLE-LIKE PROPERTIES OF WAVES</p> <p>137 PPT</p> <p>7 lectures</p>	<p>25 Jan 08 (Fri) - Tutorial 5</p> <p>28 Jan 08 (Mon) - Lecture 13</p> <p>30 Jan 08 (Wed) - Lecture 14</p> <p>1 Feb 08 (Fri) - Tutorial 6</p> <p>3 Feb 08 - 10 Feb 07: Midterm Break</p> <p>11 Feb 08 (Mon) - self-declared holiday</p> <p>13 Feb 08 (Wed) - Lecture 15</p> <p>15 Feb 08 (Fri) - Tutorial 7</p> <p>18 Feb 08 (Mon) - Lecture 16</p> <p>20 Feb 08 (Wed) - Lecture 17</p> <p>22 Feb 08 (Fri) - Tutorial 8</p> <p>25 Feb 08 (Mon) - Lecture 18</p> <p>Extra class to make up for lecture 19 - date to be fixed</p>
<p><u>CHAPTER 4:</u></p> <p>The wavelike properties of particles</p> <p>65 PPT</p> <p>3.5 lectures</p>	<p>27 Feb 08 (Wed) - Lecture 20</p> <p>29 Feb 08 (Fri) - Tutorial 9</p> <p>3 Mar 08 (Mon) - Lecture 21</p> <p>5 Mar 08 (Wed) - Lecture 22</p> <p>7 Mar 08 (Fri) - Tutorial 10</p>

<p><u>CHAPTER</u> <u>5:</u> Atomic Models</p> <p>84 PPT</p> <p>4.5 lectures</p>	<p>10 Mar 08 (Mon) - Lecture 23</p> <p>12 Mar 08 (Wed) - Lecture 24</p> <p>14 Mar 08 (Fri) - Tutorial 11</p> <p>17 Mar 08 (Mon) - Lecture 25</p> <p>19 Mar 08 (Wed) - Lecture 26</p> <p>Extra class to make up for lecture 27 - date to be fixed</p>
<p><u>Chapter</u> <u>6:</u></p> <p>A very brief introduction to Quantum Mechanics</p> <p>65 PPT</p> <p>3 lectures</p>	<p>21 Mar 08 (Fri) - Tutorial 12</p> <p>24 Mar 08 (Mon) - Lecture 28</p> <p>26 Mar 08 (Wed) - Lecture 29</p> <p>28 Mar 08 (Fri) - Tutorial 13</p> <p>Extra class to make up for lecture 30 - date to be fixed</p>

Meeting times (for the whole semester): 26 normal hour
lecture + 4 extra classes

Tutorial = 13 times, on every Fridays, except the first
week of the semester.

Roughly 20 pages of PowerPoint notes is to be covered per
lecture.