**Suggested Problems**

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Problems</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 22</td>
<td>5, 7, 8, 9, 20, 21, 23</td>
</tr>
<tr>
<td>Electric Charge</td>
<td></td>
</tr>
<tr>
<td>Chapter 23</td>
<td>11, 12, 13, 16, 18, 20, 23, 25, 27, 29</td>
</tr>
<tr>
<td>Electric Field</td>
<td></td>
</tr>
<tr>
<td>Chapter 24</td>
<td>3, 7, 13, 15, 17, 21, 29, 31, 43, 44</td>
</tr>
<tr>
<td>Gauss' Law</td>
<td></td>
</tr>
<tr>
<td>Chapter 25</td>
<td>5, 16, 17, 24, 26, 27, 31, 37, 40, 54</td>
</tr>
<tr>
<td>Electric Potential</td>
<td></td>
</tr>
<tr>
<td>Chapter 26</td>
<td>6, 13, 16, 20, 23, 29, 35, 37, 41</td>
</tr>
<tr>
<td>Capacitance</td>
<td></td>
</tr>
<tr>
<td>Chapter 27</td>
<td>10, 11, 13, 21, 23, 33, 34, 37, 38</td>
</tr>
<tr>
<td>Current and Resistance</td>
<td></td>
</tr>
<tr>
<td>Chapter 28</td>
<td>3, 9, 10, 18, 22, 31, 33, 37, 45, 50, 51</td>
</tr>
<tr>
<td>Circuits</td>
<td></td>
</tr>
<tr>
<td>Chapter 29</td>
<td>3, 10, 17, 19, 21, 24, 27, 36, 39, 53</td>
</tr>
<tr>
<td>Magnetic Fields</td>
<td></td>
</tr>
<tr>
<td>Chapter 30</td>
<td>9, 12, 16, 24, 25, 31, 32, 38, 46, 56</td>
</tr>
<tr>
<td>Magnetic Fields Due to Currents</td>
<td></td>
</tr>
<tr>
<td>Chapter 31</td>
<td>2, 9, 19, 28, 33, 37, 40, 47, 53, 63, 69, 74</td>
</tr>
<tr>
<td>Induction and Inductance</td>
<td></td>
</tr>
<tr>
<td>Chapter 32</td>
<td>3, 27, 28, 30, 33, 37</td>
</tr>
<tr>
<td>Maxwell’s Equations</td>
<td></td>
</tr>
<tr>
<td>Chapter 33</td>
<td>13, 16, 31, 39, 41, 43, 45, 49, 55, 63</td>
</tr>
<tr>
<td>Alternating Current</td>
<td></td>
</tr>
<tr>
<td>Chapter 34</td>
<td>4, 8, 11, 16, 19</td>
</tr>
<tr>
<td>Electromagnetic Waves</td>
<td></td>
</tr>
</tbody>
</table>