Schaum's Outline of Basic Circuit Analysis (2nd Revised edition)

By John O'Malley

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Schaum's Outline of Basic Circuit Analysis

A revised edition of the solved-problems circuits book first published in 1981. For students in two-year technical and lower-level engineering technology courses. Problems are practically oriented and do not involve calculus. Market is enlarged to include those 4-year courses that teach circuits starting with dc resistive circuits. The first edition has been translated into...
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EE101-F14 Lecture Schedule (Tentative) 

<table>
<thead>
<tr>
<th>Week</th>
<th>Class</th>
<th>Lecture Date</th>
<th>Topic</th>
<th>Text Sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>10/6/14</td>
<td>Introduction, voltage/current/power</td>
<td>Ch. 1 2 3 4 5</td>
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<tr>
<td>2</td>
<td>2</td>
<td>10/8/14</td>
<td>Ohm's Law, KCL/KVL, resistive circuits</td>
<td>Ch. 2, Ch. 3</td>
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<tr>
<td>3</td>
<td>3</td>
<td>10/13/14</td>
<td>Node-voltage analysis</td>
<td>Ch. 4.1-4.4, A.2 4 4 10/15/14 Mesh-current analysis</td>
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<tr>
<td>4</td>
<td>4</td>
<td>10/15/14</td>
<td>Mesh-current analysis</td>
<td>Ch. 4.5-4.8 #1 due</td>
</tr>
</tbody>
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Studying from this book will help both electrical technology and electrical engineering students learn circuit analysis with, it is hoped, less effort and more understanding. Since this book begins with the analysis of dc resistive circuits and continues to that of ac circuits, as do the popular circuit analysis textbooks, a student can, from the start, use this book as a supplement to a circuit analysis textbook. The reader does not need a knowledge of differential or integral calculus.