# Course Calendar

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
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<tbody>
<tr>
<td>Sept 4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>Labor Day</td>
<td>Registration Day</td>
<td></td>
<td>Lecture 1: Course overview. Basic data types. Basic proof methods.</td>
<td>Tutorial 1</td>
</tr>
<tr>
<td>Sept 11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
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<tr>
<td>Sept 18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
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<tr>
<td></td>
<td>Lecture 4: Structural induction. Set theory.</td>
<td></td>
<td>Lecture 5: Relations.</td>
<td>Tutorial 3</td>
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<tr>
<td>Sept 25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
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<tr>
<td></td>
<td>Lecture 6: Digraphs, graphs, and trees.</td>
<td></td>
<td>Lecture 7: Digraphs, graphs, and trees.</td>
<td>Tutorial 4</td>
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PS1, PS2, PS3, PS4 out.

PS1 due. PS2 out.

PS1 out.
<table>
<thead>
<tr>
<th>Oct</th>
<th>2</th>
<th>3</th>
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<tbody>
<tr>
<td>Oct</td>
<td>9</td>
<td>10</td>
<td>11</td>
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<td>Oct</td>
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<tr>
<td>Oct-Nov</td>
<td>30</td>
<td>31</td>
<td>1</td>
<td>2</td>
<td>3</td>
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<tr>
<td>Nov 6</td>
<td>7</td>
<td>Lecture 17: Permutations and combinations with repetition.</td>
<td>8</td>
<td>9</td>
<td>Lecture 18: Countable and uncountable sets.</td>
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<tr>
<td>Nov 13</td>
<td>14</td>
<td>Lecture 19: Introduction to probability. Sample points and spaces.</td>
<td>15</td>
<td>16</td>
<td>QUIZ 2: Lectures 11-18</td>
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<tr>
<td>Nov 20</td>
<td>21</td>
<td>Lecture 21: Independence. Failure analysis.</td>
<td>22</td>
<td>23</td>
<td>Drop date</td>
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<tr>
<td>Dec</td>
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<td>14</td>
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<td>Lecture 26: Random Walks.</td>
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<td>FINAL, Date and time TBA</td>
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Handout 2: Course Calendar