

# September

| <i>Sun</i> | <i>Mon</i>   | <i>Tue</i>                          | <i>Wed</i>   | <i>Thu</i>  | <i>Fri</i>   | <i>Sat</i> |
|------------|--|-------------------------------------|--|---|--|------------|
|            |  |                                     |  |   | <b>1</b>   | <b>2</b>   |
| <b>3</b>   | <b>4</b>   | <b>5</b>                            | <b>6</b>   | <b>7</b>  | <b>8</b>   | <b>9</b>   |
| <b>10</b>  | <b>11</b>  | <b>12</b>                           | <b>13</b>  | <b>14</b><br>Lecture 11:<br>Introduction              | <b>15</b><br>Precept: Intro<br>Assignment 0 due  | <b>16</b>  |
| <b>17</b>  | <b>18</b><br>Precept: Assignment<br>1 overview, C basics | <b>19</b><br>Lecture P1: C basics   | <b>20</b><br>Assignment 1 due:<br>Random number<br>generator | <b>21</b><br>Lecture P2:<br>Arrays                    | <b>22</b><br>Precept: C basics<br>(for, while, if-else,<br>function), style,<br>Mandelbrot | <b>23</b>  |
| <b>24</b>  | <b>25</b><br>Precept: arrays                             | <b>26</b><br>Lecture P3:<br>Unix OS | <b>27</b><br>Assignment 2 due:<br>Mandelbrot                 | <b>28</b><br>Lecture P4:<br>Structs and Data<br>Types | <b>29</b><br>Precept: struct,<br>Rational  | <b>30</b>  |
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# October

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|--------------------------------|---|---|--|--|---|------------|
| <b>1</b>                       | <b>2</b><br>Precept: catchup                | <b>3</b><br>Lecture P5:<br>ADT, stack, queue    | <b>4</b><br>Assignment 3 due:<br>Rational arithmetic | <b>5</b><br>Lecture P6:<br>Recursion I             | <b>6</b><br>Precept: recursion,<br>recursive graphics<br>assignment | <b>7</b>   |
| <b>8</b>                       | <b>9</b><br>Precept: ADT,<br>stacks, queues | <b>10</b><br>Lecture P7:<br>Recursion II        | <b>11</b><br>Assignment 4 due:<br>Recursive graphics | <b>12</b><br>Lecture A1:<br>TOY machine            | <b>13</b><br>Precept: Advanced<br>recursion, TOY                    | <b>14</b>  |
| <b>15</b>                      | <b>16</b><br>Precept: midterm<br>review     | <b>17</b><br>Lecture A2:<br>TOY programming     | <b>18</b><br>Midterm 1                               | <b>19</b><br>Lecture A3:<br>Boolean logic          | <b>20</b><br>Precept: midterm<br>postmortem, TOY<br>assignment      | <b>21</b>  |
| <b>22</b>                      | <b>23</b><br>Precept: Boolean<br>logic      | <b>24</b><br>Lecture A4:<br>Sequential circuits | <b>25</b><br>Assignment 5 due:<br>TOY program        | <b>26</b><br>Lecture A5: Building<br>a TOY machine | <b>27</b><br>Precept: sequential<br>circuits                        | <b>28</b>  |
| <b>29</b><br>Fall break begins | <b>30</b>                                   | <b>31</b>                                       |  |  |   |            |
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# November

| <i>Sun</i> | <i>Mon</i>                                   | <i>Tue</i>  | <i>Wed</i>                                    | <i>Thu</i>                                | <i>Fri</i>                               | <i>Sat</i>                             |
|------------|--|---|---|---|--|--|
|            |  |   | <b>1</b>                                      | <b>2</b>                                  | <b>3</b>                                 | <b>4</b><br>Fall break ends            |
| <b>5</b>   | <b>6</b><br>Precept: machine architecture    | <b>7</b><br>Lecture P8: Linked lists                | <b>8</b><br>Assignment 6 due: TBA             | <b>9</b><br>Lecture P9: WAR card game     | <b>10</b><br>Precept: linked list, TSP   | <b>11</b>                              |
| <b>12</b>  | <b>13</b><br>Precept: linked list, TSP       | <b>14</b><br>Lecture P10: Trees and database search | <b>15</b><br>Assignment 7 due: TSP heuristics | <b>16</b><br>Lecture T1: Pattern matching | <b>17</b><br>Precept: trees, prefix code | <b>18</b>                              |
| <b>19</b>  | <b>20</b><br>Precept: RE, FSA                | <b>21</b><br>Lecture T2: Turing machine             | <b>22</b><br>Assignment 8 due: Prefix codes   | <b>23</b><br>Thanksgiving break begins    | <b>24</b>                                | <b>25</b><br>Thanksgiving break begins |
| <b>26</b>  | <b>27</b><br>Precept: Turing, midterm review | <b>28</b><br>Lecture T3: Grammar + compiler         | <b>29</b><br>Midterm 2                        | <b>30</b><br>Lecture T4: Computability    |  |  |
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# December

| <i>Sun</i>                       | <i>Mon</i>                            | <i>Tue</i>                                     | <i>Wed</i>                                 | <i>Thu</i>                              | <i>Fri</i>   | <i>Sat</i> |
|----------------------------------|---------------------------------------|--|--|---|--|------------|
|                                  |                                       |  |  |   | <b>1</b><br>Precept: midterm postmortem, computability | <b>2</b>   |
| <b>3</b>                         | <b>4</b><br>Precept: grammar          | <b>5</b><br>Lecture T5: Analysis of algorithms | <b>6</b><br>Assignment 9 due: Genetic code | <b>7</b><br>Lecture T6: NP-completeness | <b>8</b><br>Precept: algorithms                        | <b>9</b>   |
| <b>10</b>                        | <b>11</b><br>Precept: NP-completeness | <b>12</b><br>Lecture S1: Security              | <b>13</b><br>Assignment 10 due: TBA        | <b>14</b><br>Lecture S2:                | <b>15</b><br>Precept: systems                          | <b>16</b>  |
| <b>17</b><br>Winter break begins | <b>18</b>                             | <b>19</b>                                      | <b>20</b>                                  | <b>21</b>                               | <b>22</b>  | <b>23</b>  |
| <b>24</b>                        | <b>25</b>                             | <b>26</b>                                      | <b>27</b>                                  | <b>28</b>                               | <b>29</b>  | <b>30</b>  |
| <b>31</b>                        |                                       |  |  |   |  |            |

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# January

| <i>Sun</i> | <i>Mon</i>                   | <i>Tue</i>              | <i>Wed</i>                             | <i>Thu</i>  | <i>Fri</i>                         | <i>Sat</i>                    |
|------------|------------------------------|-------------------------|--|---|------------------------------------|-------------------------------|
|            | <b>1</b>                     | <b>2</b>                | <b>3</b>                               | <b>4</b>  | <b>5</b>                           | <b>6</b><br>Winter break ends |
| <b>7</b>   | <b>8</b><br>Precept: systems | <b>9</b><br>Lecture S3: | <b>10</b><br>Assignment 11 due:<br>TBA | <b>11</b><br>Lecture R1:<br>Perspective<br>Last lecture | <b>12</b><br>Precept: final review | <b>13</b>                     |
| <b>14</b>  | <b>15</b>                    | <b>16</b>               | <b>17</b><br>Finals begin              | <b>18</b>   | <b>19</b>                          | <b>20</b>                     |
| <b>21</b>  | <b>22</b>                    | <b>23</b>               | <b>24</b>                              | <b>25</b>   | <b>26</b>                          | <b>27</b><br>Finals end       |
| <b>28</b>  | <b>29</b>                    | <b>30</b>               | <b>31</b>                              |   |                                    |                               |
|            |                              |                         |  |   |                                    |                               |

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