

# Typical Math 142 Schedule

**Units:** The course is divided into 9 units, as given in the table below. in the table below (some links may not be available yet).

Most students find units 1-4 and unit 8 to be the easiest. Thus, you should try to work through those units quickly, and schedule additional study time for the more difficult units: 5, 6, 7, and 9. Also, the deadline

| Unit   | Topics<br>(click the links for Study Guidelines and Exam Descriptions) | Textbook sections       | Deadline        |
|--|--|-------------------------|-----------------|
| 1  | <a href="#">Review of functions; circular functions and angles</a>     | 6.1-3 (no calculator)   | Fri. Feb. 22    |
| 2  | <a href="#">Trigonometric functions, solving right triangles</a>       | 6.1-2 (calculator), 8.1 | Thurs. Feb. 28  |
| 3  | <a href="#">Graphing trigonometric functions</a>                       | 6.4, 6.6, 8.5           | Wed. Mar. 5     |
| 4  | <a href="#">More graphing; inverse trigonometric functions</a>         | 6.5, 7.1-2              | *Tues. Mar. 11* |
| 5  | <a href="#">Trigonometric identities</a>                               | 7.3-6                   | *Fri. Mar. 28*  |
| 6  | <a href="#">Trigonometric equations; law of sines, law of cosines</a>  | 7.7-8, 8.2-4            | Tues. Apr. 8    |
| <a href="#">Trigonometry Final Exam</a>      |  | 6.1-6, 7.1-8, 8.1-5     | Fri. Apr. 11    |
| 7  | <a href="#">Polar coordinates; complex numbers</a>                     | 9.1-3                   | Fri. Apr. 18    |
| 8  | <a href="#">Conic sections: parabolas, ellipses, hyperbolas</a>        | 10.1-4                  | Fri. Apr. 25    |
| 9  | <a href="#">Translation and rotation of axes, parametric equations</a> | 10.2-5, 10.7            | Fri. May 2      |
| <a href="#">Analytic Geometry Final Exam</a> |  | 9.1-3, 10.1-5, 10.7     | Fri. May 9      |

\* Spring break is the week of March 17-21

## Calendar View:

|        |                                       |                      |   |                        |
|--------|---------------------------------------|----------------------|---|------------------------|
| Jan 21 | Jan 22                                | Jan 23               | Jan 24                                  | Jan 25                 |
|        |                                       | <b>Course begins</b> |   |                        |
| Jan 28 | Jan 29                                | Jan 30               | Jan 31                                  | Feb 1                  |
|        | <b>Target: <a href="#">Unit 1</a></b> |                      |   |                        |
| Feb 4  | Feb 5                                 | Feb 6                | Feb 7                                   | Feb 8                  |
|        | <b>Target: <a href="#">Unit 2</a></b> |                      |   |                        |
| Feb 11 | Feb 12                                | Feb 13               | Feb 14                                  | Feb 15                 |
|        |                                       |                      |   | <a href="#">Unit 3</a> |
| Feb 18 |                                       |                      |   | Feb 22                 |
|        |                                       |                      |   | <a href="#">Unit 1</a> |
| Feb 25 | Feb 26                                | Feb 27               | Feb 28                                  | Feb 29                 |
|        | <a href="#">Unit 4</a>                |                      | <b>Deadline: <a href="#">Unit 2</a></b> |                        |
| Mar 3  | Mar 4                                 | Mar 5                | Mar 6                                   | Mar 7                  |

|   |   |   |                             |  |
|---|---|---|-----------------------------|--|
|   |   | Deadline: <a href="#">Unit 3</a>                |                             |  |
| <b>Mar 10</b>                                   | <b>Mar 11</b><br>Deadline: <a href="#">Unit 4</a><br>Target: <a href="#">Unit 5</a> | <b>Mar 12</b>                                   | <b>Mar 13</b>               | <b>Mar 14</b>  |
| <b>Mar 17</b><br>BREAK                          | <b>Mar 18</b><br>BREAK  | <b>Mar 19</b><br>BREAK                          | <b>Mar 20</b><br>BREAK      | <b>Mar 21</b><br>BREAK   |
| <b>Mar 24</b>                                   | <b>Mar 25</b>   | <b>Mar 26</b>                                   | <b>Mar 27</b>               | <b>Mar 28</b><br>Deadline: <a href="#">Unit 5</a>                      |
| <b>Mar 31</b>                                   | <b>Apr 1</b><br>Target: <a href="#">Unit 6</a>                                      | <b>Apr 2</b>                                    | <b>Apr 3</b>                | <b>Apr 4</b><br><a href="#">Trigonometry Final Exam</a>                |
| <b>Apr 7</b>                                    | <b>Apr 8</b><br>Deadline: <a href="#">Unit 6</a>                                    | <b>Apr 9</b>                                    | <b>Apr 10</b>               | <b>Apr 11</b><br>Deadline: <a href="#">Trigonometry Final Exam</a>     |
| <b>Apr 14</b><br>Target: <a href="#">Unit 7</a> | <b>Apr 15</b>   | <b>Apr 16</b>                                   | <b>Apr 17</b>               | <b>Apr 18</b><br>Deadline: <a href="#">Unit 7</a>                      |
| <b>Apr 21</b>                                   | <b>Apr 22</b>   | <b>Apr 23</b><br>Target: <a href="#">Unit 8</a> | <b>Apr 24</b>               | <b>Apr 25</b><br>Deadline: <a href="#">Unit 8</a>                      |
| <b>Apr 28</b>                                   | <b>Apr 29</b>   | <b>Apr 30</b>                                   | <b>May 1</b>                | <b>May 2</b><br>Deadline: <a href="#">Unit 9</a>                       |
| <b>May 5</b><br>FINALS WEEK                     | <b>May 6</b><br>FINALS WEEK   | <b>May 7</b><br>FINALS WEEK                     | <b>May 8</b><br>FINALS WEEK | <b>May 9</b><br>Deadline: <a href="#">Analytic Geometry Final Exam</a> |