# Math 175 Spring 2018 Schedule

**Text:** Briggs, Cochran, Gillett (2nd edition)

**General Course Website:** [www.webpages.uidaho.edu/math175](http://www.webpages.uidaho.edu/math175)

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>11 Jan</strong></td>
<td><strong>Review</strong></td>
<td><strong>7.5</strong> inverse trig</td>
<td><strong>7.6</strong> More on L'Hopital's</td>
</tr>
<tr>
<td><strong>15</strong></td>
<td>MLKJ and Idaho Human Rights Day</td>
<td><strong>Deadline to add/drop online</strong></td>
<td><strong>Suggest reviewing Module 16</strong></td>
</tr>
<tr>
<td>16</td>
<td>more 7.5</td>
<td><strong>Assign Module 17</strong></td>
<td><strong>Module 16</strong></td>
</tr>
<tr>
<td>23</td>
<td>8.1 Basic Integration approaches</td>
<td><strong>Drop/audit w/o a W deadline is Wednesday, 24th.</strong></td>
<td><strong>Trig Integrals</strong></td>
</tr>
<tr>
<td>27</td>
<td>More on 8.3</td>
<td><strong>Teacher's Choice</strong></td>
<td><strong>Trig Substitutions</strong></td>
</tr>
<tr>
<td>5</td>
<td>More on 8.4</td>
<td><strong>More on 8.5</strong></td>
<td><strong>More practice on Integrals</strong></td>
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<tr>
<td>12</td>
<td>8.7 Numerical integration</td>
<td><strong>Early warning grades due!</strong></td>
<td><strong>More on 8.8 and 9.1 pp. 593 – 596 Intro to sequences</strong></td>
</tr>
<tr>
<td>19</td>
<td>Presidents' Day</td>
<td>9.2 Sequences</td>
<td>9.1 pp. 597 – 600 and 9.3 Infinite Series</td>
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<tr>
<td>26</td>
<td>More on 9.3</td>
<td><strong>Teacher's Choice</strong></td>
<td><strong>Divergence, Integral tests</strong></td>
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<tr>
<td>5</td>
<td>9.5 Ratio, Root, Comparison</td>
<td>More on 9.5</td>
<td><strong>More on 9.6</strong></td>
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<tr>
<td>12</td>
<td>midterm grades are due! <strong>Spring Break</strong></td>
<td>Spring Break</td>
<td>Spring Break</td>
</tr>
<tr>
<td>19</td>
<td>Review 9.5 &amp; 9.6</td>
<td>10.1 Power series</td>
<td><strong>10.2 Properties of power series</strong></td>
</tr>
<tr>
<td>26</td>
<td>More on 10.2</td>
<td><strong>Teacher's Choice</strong></td>
<td><strong>Last day to withdraw!</strong></td>
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<tr>
<td>2 Apr</td>
<td>More on 10.3</td>
<td>10.4 Working with Taylor series</td>
<td><strong>10.3 Taylor series</strong></td>
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<tr>
<td>9</td>
<td>More on 11.1</td>
<td>11.2 Polar Coordinates</td>
<td><strong>11.1 Parametric equations</strong></td>
</tr>
<tr>
<td>16</td>
<td>11.4 Conic sections</td>
<td>More on 11.4</td>
<td><strong>11.3 Calculus in polar coords</strong></td>
</tr>
<tr>
<td>23</td>
<td>More on arc length (Problems from Chapter 8)</td>
<td>6.6 &amp; Chapter 8 Surface area</td>
<td><strong>6.5 &amp; Chapter 8 Arc length</strong></td>
</tr>
<tr>
<td>30</td>
<td>Review</td>
<td>1 May Review</td>
<td><strong>Teacher's Choice</strong></td>
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<tr>
<td><strong>Final Exam</strong></td>
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<td>Wednesday, May 9th, 7:00 PM – 9:00 PM rooms TBA</td>
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</table>

* Review the Fundamental Theorem of Calculus, integration by substitution, and integration rules for log and exponential functions.