

## AP Calculus ABC: 1st Semester 2023-24

Week	Dates	Monday	Tuesday	Wednesday	Thursday	Friday
1	8/14 - 8/18	<b>U2 Title Page</b> <u>Power Rule</u>  <u>WS1</u>	<u>WS2</u>	<u>Higher order Derivatives</u> <small>+Parametric &amp; Vectors</small>  <u>WS3*</u>	<u>WS4</u>	<u>The Chain Rule Plain</u>  <u>WS5</u>
2	8/21 - 8/25	<u>WS6</u>	<u>WS7</u>	<u>The Chain Rule</u> <u>peanut</u>  <u>WS8</u>	<b>Map Testing</b> <u>The Product Rule</u>  <u>WS9</u>	<b>Map Testing</b>  <u>WS10*</u>
3	8/28 - 9/1	<b>Map Testing</b>  <u>WS11</u>	<u>The Quotient Rule</u>  <u>WS12</u>	<u>WS13</u>	<b>back to school Quiz</b>  <u>WS14</u>	<b>Early Dismissal</b>  <u>WS15</u>
4	9/4 - 9/8	<b>Holiday (Labor Day)</b>	<u>WS16</u>	<b>U2 Derivatives Test 1</b>	<u>Derivatives of Logs &amp; Exponentials</u>  <u>WS17*</u>	<u>WS18</u>
5	9/11 - 9/15	<u>Logarithmic Differentiation (x<sup>x</sup>)</u>  <u>WS19</u>	<u>WS20</u>	<u>Implicit Differentiation</u>  <u>WS21</u>	<u>WS22</u>	<u>Derivatives of Inverse Functions</u>  <u>WS23</u>
6	9/18 - 9/22	<u>WS24*</u>	<b>Quiz</b>  <u>WS25</u>	<u>WS26</u>	<u>WS27</u>	<b>End of 6 WK U2 Derivatives Test 2</b>
7	9/25 - 9/29	<b>U3 Title Page</b> <u>Basic Integration</u> <u>WS28</u>	<u>Definite Integrals 1<sup>st</sup> &amp; 2<sup>nd</sup> FTC</u>  <u>WS29</u>	<u>WS30</u>	<u>Integration by u-substitution</u>  <u>WS31</u>	<u>HOCO</u>  <u>WS32</u>
8	10/2 - 10/6	<u>Integrating Rationals</u>  <u>WS33</u>	<u>WS34</u>	<b>Senior Conference*</b>	<u>Integration even/odd powers of sine/cosine</u>  <u>WS35</u>	<u>WS36</u>
9	10/9 - 10/13	<u>Integration by Parts</u>  <u>WS37</u>	<u>WS38*</u>	<u>Integration by Partial Fractions</u> <u>WS39</u>	<u>WS40</u>	<u>WS41</u>

10	10/16 - 10/20	<b>Quiz</b> <a href="#">WS42</a>	<a href="#">WS43</a>	<b>PSAT</b>	<a href="#">WS44</a>	<b>U3</b> Integration <b>Test*</b>
11	10/23 - 10/27	<b>U4 Title Page</b> <a href="#">IVT/MVT</a> & <a href="#">Avg Y-Value</a>  <a href="#">WS45</a>	<a href="#">WS46</a>	<a href="#">Related Rates1</a>  <a href="#">WS47</a>	<a href="#">Related Rates2</a>  <a href="#">WS48</a>	<a href="#">Related Rates3</a>  <a href="#">WS49</a> <a href="#">WS50</a>
12	10/30 - 11/3	<a href="#">WS51</a>	<b>Quiz</b> <a href="#">WS52*</a>	<a href="#">WS53</a>	<b>End of 6 WK</b> <b>U4</b> Theorems & RR <b>Test</b>	<b>Duty Day</b>
13	11/6 - 11/10	<a href="#">Approximating Area using Riemann Sums</a>  <a href="#">WS54</a>	<a href="#">WS55</a>	<a href="#">BC: Arc Length</a>  <a href="#">WS56</a>	<a href="#">WS57</a>	<b>Holiday</b> Veteran's Day
14	11/13 - 11/17	<a href="#">Area top-bottom &amp; Area right-left</a>  <a href="#">WS58</a>	<a href="#">WS59*</a>	<a href="#">BC: Polar Area</a>  <a href="#">WS60</a>	<a href="#">WS61</a>	<a href="#">WS62</a>
	11/20 - 11/24	<b>Holiday</b>	<b>Holiday</b>	<b>Holiday</b>	<b>Holiday</b>	<b>Holiday</b>
15	11/27 - 12/1	<a href="#">WS63</a>	<b>Quiz</b> <a href="#">WS64</a>	<a href="#">WS65</a>	<b>U5</b> Area <b>Test</b>	<a href="#">Volume Cross Sections</a>  <a href="#">WS66*</a>
16	12/4 - 12/8	<a href="#">WS67</a>	<a href="#">WS68</a>	<b>Volume Rotated about a line</b>  <a href="#">WS69</a>	<a href="#">WS70</a>	<a href="#">WS71</a>
17	12/11 - 12/15	<a href="#">WS72</a>	<b>Quiz</b> <a href="#">WS73</a>	<a href="#">WS74</a>  <a href="#">WS75</a>	<b>U6</b> Volume <b>Test</b>	<b>Assembly</b> <b>Final Review</b>
18	12/18- 12/22	<b>Final Review</b>	<b>Finals</b> 1,4/5	<b>Finals</b> 2,6	<b>Finals</b> 3,7	<b>Duty Day</b>