## **BC Calculus**

## February 2024

**Class Calendar** 

Monday	Tuesday	Wednesday	Thursday	Friday
5	6	7	8	9
<ul> <li>10.1 – Define Convergent and Divergent Infinite Series</li> <li>HW: Complete 10.1 Packet Classwork Problems &amp; 10.1 AP Practice #1-5 all</li> </ul>	9.1-9.7 Test	<ul> <li>10.2 – Working with Geometric Series</li> <li>HW: Complete 10.2 Packet Classwork Problems &amp; 10.2 AP Practice #1-6 all</li> </ul>	<ul> <li>10.3 – n<sup>th</sup> term Test, Integral Test, P- Series Test for Convergence</li> <li>HW: Complete 10.3 Packet Classwork</li> <li>Problems &amp; 10.3 AP Practice #1-7 all</li> </ul>	<ul> <li>10.4 – Direct and Limit Comparison Tests for Convergence</li> <li>HW: Complete 10.4 Packet Classwork</li> <li>Problems &amp; 10.4 AP Practice #1-4 all</li> </ul>
12 10.5 – Alternating Series Test for Convergence & Absolute vs Conditional Convergence	13 10.6 – Ratio and Root Test for Convergence	14 10.1-10.6 Quiz Review	15 10.1-10.6 Quiz Review	16 10.1-10.6 Quiz Review
HW: Complete 10.5 Packet Classwork Problems & 10.5 AP Practice #1-6, (skip #2,3,5)	HW: Complete 10.6 Packet Classwork Problems & 10.6 AP Practice #1-7 all	HW: Complete Unit 10.1-10.6 Quiz Review WS #1	HW: Complete Unit 10.1-10.6 Quiz Review WS #2	HW: Complete Unit 10.1-10.6 Quiz Review WS #2
19 President's Day (No School)	20 Teacher Workday (No School)	21 10.5b – Alt. Series Error Bound HW: Complete 10.5b Packet Classwork Problems & 10.5 AP Practice #2,3,5 (HW Due Fri 2/23)	22 10.1-10.6 Quiz	23 10.10a – Taylor Polynomial approximations HW: Complete 10.10a Packet Classwork Problems
26	27	28	29	March 1
<ul> <li>10.8a – Power Series and Interval of Convergence</li> <li>HW: Complete</li> <li>10.8a Packet</li> <li>Classwork</li> <li>Problems</li> </ul>	10.9 – Taylor and Maclaurin Series HW: Complete 10.9 Packet Classwork Problems & 10.9 AP Practice (#1-6 all)	10.8b – Representing Functions as Power Series HW: Complete 10.8b Packet Classwork Problems 10.8 AP Practice (#1-8 all)	10.10b – Taylor Polynomial approximations & Lagrange Error Bound HW: Complete 10.10b Packet Classwork Problems 10.10 AP Practice (#1-7 all)	Chapter 10 Test Review (10.5b-10.10) WS #1 HW: Complete Unit 10.5b-10.10 Quiz Review WS #1 & Unit 10 AP Practice (#1-12 all)