

Name: Mrs. Woods		Grading Quarter: 3	Week Beginning: 1/20/25
School Year: 24-25		Subject: AP Calculus AB	
Monday	Notes:	No school	Academic Standards:
Tuesday	Notes:	<p>Objective: Students will be able to calculate average value using integration.</p> <p>Lesson Overview: Notes – Visual using the water in a tank Football field – explain the difference between displacement and total distance traveled</p>	<p>Academic Standards: 6.5 Interpreting the Behavior of Accumulation Functions Involving Area 2.D Identify how mathematical characteristics or properties of functions are related in different representations.</p>
Wednesday	Notes:	<p>Objective: Students will be able to integrate with u-substitution.</p> <p>Lesson Overview: Notes – u-substitution is the chain rule in reverse Practice as a class first, then with a partner second</p>	<p>Academic Standards: 6.9 Integrating Using Substitution 1.E Apply appropriate mathematical rules or procedures, with and without technology.</p>
Thursday	Notes:	<p>Objective: Students will be able to integrate with u-substitution.</p> <p>Lesson Overview: <i>This is a continuation of the previous day's lesson.</i> Work on whiteboard in groups on u-substitution problems from the textbook.</p>	<p>Academic Standards: 6.9 Integrating Using Substitution 1.E Apply appropriate mathematical rules or procedures, with and without technology.</p>
Friday	Notes:	<p>Objective: Students will be able to integrate with u-substitution.</p> <p>Lesson Overview: Khan Academy work day</p>	<p>Academic Standards: 6.9 Integrating Using Substitution 1.E Apply appropriate mathematical rules or procedures, with and without technology.</p>