AP Calculus AB

**Chapter 8 Learning Goals**

***Applications of Definite Integrals***

*Lesson 8-1: Accumulation and Net Change*

* I can solve problems in which rate is integrated to find the net change over time in a variety of applications.

*Lesson 8-2: Areas in the Plane*

* I can use integration to calculate areas of regions in a plane.

*Lesson 8-3: Volumes*

* I can use integration to calculate (by disk or washer) volumes of solids.