## Second Fundamental Theorem of Calculus

After completing this section, students should be able to do the following.

- State the Second Fundamental Theorem of Calculus.
- Evaluate definite integrals using the Second Fundamental Theorem of Calculus.
- Understand how the area under a curve is related to the antiderivative.
- Understand the relationship between indefinite and definite integrals.

Loomning	outcomes:	