

Spokane Falls Community College
COURSE LEARNING OUTCOMES

Prefix and Course Number: Math&151
Course Title: Calculus I
Version Date: 04/12/2019

Course Learning Outcomes

Upon successful completion of the course, the student will be able to:

1. Explain and make use of definitions and theorems accurately
2. Apply the definition of the derivative, as well as the rules of differentiation, as applied to algebraic and trigonometric functions and use the results to analyze the functions
3. Apply the properties of differentiation in applications such as maximum/minimum problems, mean value theorem, curve sketching, and optimization problems
4. Apply the definition of the integral when applied to simple algebraic functions and interpret the results
5. Justify the reasonableness of a solution or answer and justify all processes used to obtain the solution or answer