

- Inverse Trigonometric Functions
- Related Rates
- Linearization and Differentials
 - Club Stamp Assessment ♣
- **APPLICATIONS OF DERIVATIVES**
 - Extreme Values of Functions
 - The Mean Value Theorem
 - Monotonic Functions and the First Derivative Test
 - Concavity and Curve Sketching
 - Indeterminate Forms and L'Hopital's Rule
 - Applied Optimization
 - Newton's Method
 - Antiderivates; Introduction to Calculus II
 - Spade Stamp Assessment ♠

For in class settings, worksheets, activities and projects will be incorporated within these topics for the enrolled student(s) to achieve a better understanding. A prize system will also be established for any student who excels in these topics. If you have any questions, please feel free to contact our company email acestutoringllc@gmail.com.

Thank you and we hope to see you at our sessions!