

## **SCE112M      Foundations of Calculus**

### **Reference Books**

Velleman, D.J. (2017). *Calculus: A rigorous first course*. Dover Publications, Inc.: New York.  
Hahn, A. (2017). *Calculus in context*. Johns Hopkins University Press: Maryland.

Leithold, L. (2002). *The Calculus 7*. Singapore: Pearson Education Asia.

Larson, R. (2014). *Calculus*. Boston, Massachusetts: Brooks/Cole, Cengage Learning.

Larson, R. (2013). *Calculus: An applied approach*. Australia: Brooks/Cole, Cengage Learning.

Edwards, C.H., & Penney, D. E. (2002). *Calculus, 6th Ed*. NJ: Prentice Hall.

Lial, M.L., Greenwell, R.N., & Ritchey, N.P. (2002). *Calculus with Applications, 7th Ed*. Singapore: Pearson Education.

### **Online Resources**

<https://www.khanacademy.org/math/differential-calculus>

<https://tutorial.math.lamar.edu/Problems/Calcl/Calcl.aspx>

### **Software Tools**

Geogebra

Desmos