

COURSE CODE: CALENG1

COURSE TITLE: Differential Calculus

DEPARTMENT: Chemical Engineering

TEXTBOOK:

Larson, R. and Edwards, B. (2019) Calculus, 11th Ed. (Philippine Edition), CENGAGE Learning. ISBN 978-981-48-3969-3

OTHER REFERENCES: Books

- Edwards, C, Penney, D. (1994). Calculus with Analytic Geometry, 4th Edition, New Jersey: Prentice Hall, Inc.
- Hass, J (2009). University Calculus: Elements and Early Transcendentals. Boston: Pearson/Addison Wesley.
- Stewart, J (2018). Calculus: International Metric Version, 8th Edition (Philippine Edition), CENGAGE Learning. ISBN: 978-981-4773-87-4.
- Leithold, L (1996). The Calculus, New York: Harper Collins Publishers Inc.
- Purcell, E., Varberg, D. (1984). Calculus with Analytic Geometry, 4th Edition, New Jersey: Prentice-Hall, Inc.
- Smith, RT (2012). Calculus, Boston: McGraw Hill Higher Education.
- Stewart, J (2011). Stewart's Calculus Early Transcendentals. Philippine Edition, ISBN-13: 978-981-4352-83-3.
- Stewart, J (2013). Essential Calculus: Early Transcendental, Boston, Massachusetts: Brooks/Cole, CENGAGE Learning.

READING LIST:

- Functions and Limits
- Applications of Differential Calculus for the Term-End Project

REQUISITE EQUIPMENT/MATERIALS FOR THE COURSE:

- Computer/Laptop with minimum requirement for online learning