COURSE CODE: ***MCF500M***

COURSE TITLE: **Mathematics of Finance**

DEPARTMENT: **Financial Management**

REFERENCES:

- Berresford, G. (2016). Brief Applied Calculus. Boston, MA : Cengage Learning.
  Brown, R. (2015). Mathematics of Finance. Toronto: McGraw-Hill Ryerson.

- Campolieti, G. (2014). Financial Mathematics: A Comprehensive Treatment. Boca Raton: CRC Press.

- Chance, D. & Brooks, R. (2016). Introduction to Derivatives and Risk Management. Boston: Cengage Learning.

- Davison, M. (2014). Quantitative Finance: A Simulation-Based Introduction Using Excel. Boca Raton: CRC Press.

- Deng, Y. (2017). Lectures, Problems and Solutions for Ordinary Differential Equations 2nd Edition. Stony Brook University, USA.
  https://www.worldscientific.com/worldscibooks/10.1142/10602#t=toc
  Gravetter, F. (2018). Essentials of Statistics for the Behavioral Sciences. Boston, MA: Cengage Learning.

- Marroni, L. (2014). Pricing and Hedging Financial Derivatives: A Guide for Practitioners. Chichester, West Sussex: Wiley.
- Sacks, J. (2016). Elementary Financial Derivatives: A Guide to Trading and Valuation with Applications. Hoboken, New Jersey: John Wiley & Sons, Inc.
- Roussas, G. (2015). An Introduction to Probability and Statistical Inference. London: Academic Press.
- Stewart, J. (2016). Single Variable Calculus: Early Transcendentals. Boston, Massachusetts: Cengage Learning.
- Gravetter, F. (2018). Essentials of Statistics for the Behavioral Sciences. Boston, MA: Cengage Learning

JOURNALS:

- Higgins, C. J. (2017). Mathematics in business and finance. International Research Journal of Applied Finance, 8(7), 414-420.
- Johnson, T. C. (2015). Finance and mathematics: Where is the ethical malaise? Mathematical Intelligencer, 37(4), 8.