OPRE 3340 - Advanced Business Quantitative Methods

**OPRE 3340** Advanced Business Quantitative Methods (3 semester credit hours) This course is designed for students in business majors and focuses on strengthening analytical skills needed for addressing business problems. Mathematical concepts covered include differentiation, partial differentiation, integration, and optimization. Applications topics include model building, market equilibrium fundamentals, annuities, and the use of techniques such as Lagrange multipliers, L'Hospital's Rule, and Euler's method, in analyzing business-oriented problems. Prerequisite: **MATH 1325** or **MATH 2413** or **MATH 2417**. (3-0) S