



SYLLABUS COLLEGE OF BUSINESS ADMINISTRATION

Course Number Course Name	BA205 BUSINESS STATISTICS
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	Use of statistics in business; techniques for describing and analyzing descriptive and numerical data; estimation, hypotheses testing, t-tests, and regression; application to business problems. Prerequisite: MATH 130 or higher. (3,3T+0S)
Student Learning Outcomes/Objectives /Competencies of the Course	<ol style="list-style-type: none"> 1. Use descriptive statistics (graphic representation, numerical measures) 2. Apply basic probability concepts 3. Use both discrete and continuous probability distributions 4. Use the various sampling methods 5. Calculate point estimates and construct confidence intervals. 6. Conduct one-sample and two-sample tests of hypothesis 7. Develop a regression line and determine the strength of a correlation 8. Apply statistical analysis to decision-making 9. Use statistical software as available
College-Wide Student Learning Outcomes	<ol style="list-style-type: none"> 1. Communication 2. Critical Thought 3. Information Literacy 4. Cultural Competence <p>Outcome in Bold</p>