Course Number and Title	BU 230 – BUSINESS STATISTICS

Credit Hours	3

Course Description	This course is designed to present statistical techniques and apply them to decisions, analysis, and forecasts. Stressed are the methods of collection, description, and summarization of the data as well as analysis and induction from the data.

Prerequisite(s) and/or Corequisite(s)	BU 115 or MT 121 or MT 121E or higher or minimum acceptable test scores for placement in college-level math (quantitative reasoning)

Required Textbooks/References/Course Materials:

Discovering Business Statistics - With Ebook Package	13	Nottingham/Hawkes	Hawkes Learning	1941552692

	General Education Outcomes
1	Utilize written and verbal language to discuss and comprehend information, incorporating a variety of technologies, such as text, data, and images (written language, verbal language, and information technology).
2	Identify and interpret relevant information in order to formulate an opinion or conclusion (critical thinking).
3	Demonstrate and communicate computational methods and mathematical reasoning in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate) (quantitative literacy and fluency).
4	Communicate in appropriate ways with those who are culturally diverse (intercultural competence).

	Program Outcomes
1	Students will apply critical-thinking, problem-solving, and decision-making skills required to function effectively in a business environment.
2	Students will demonstrate the ability to communicate effectively in diverse business situations.
3	Students will demonstrate an understanding of globalization and the impact of cultural, economic, regulatory, and social environments on businesses and organizations.
4	Students will apply core business concepts of the functional areas of business (accounting, economics, finance, management, and marketing) in evaluating business issues.
5	Students will demonstrate the knowledge and application of ethical concepts and behaviors in the workplace.
6	Students will evaluate, analyze, and interpret information using quantitative methods to make sound business decisions.

	Course Outcomes (CO)	Bloom's Domain for CO (C, A, P), Category, and Level	Program Outcome(s)	Written Language	Verbal Language	Information Technology	Critical Thinking	Quantitative Literacy and Fluency	Intercultural Competence
1	Describe basic statistical concepts and analytical tools.	C - REMEMBER (1)	1,2,6	1	0	0	1	1	0
2	Differentiate between various types of statistical sampling methods.	C - ANALYZING (4)	1,4,6	0	0	1	2	2	0
3	Organize, summarize, and present date using descriptive and inferential statistics.	C - ANALYZING (4)	1,2,4,5,6	1	0	1	2	2	0
4	Apply the concept of probability in a business concept.	C - APPLYING (3)	1,4,6	0	0	0	2	2	0
5	Utilize hypothesis testing as a tool for business decision-making.	C - APPLYING (3)	1,4,6	0	0	0	2	2	0

Bloom's Domain Legend
C = Cognitive
A = Affective
P = Psychomotor

General Education Outcome Legend
2 = Included and Measurable
1 = Introduced and/or Minimally Addressed and Not Measurable
0 = Not included

Approved: May 2021
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