DATA ANALYTICS (DATA)

DATA 310 - INTRODUCTION TO STATISTICAL TERMINOLOGY AND METHODS
This course is an introduction to understanding basic statistical terminology.
Credits: 3
Attributes: Adult Flex Track

DATA 335 - STATISTICS FOR PROBLEM SOLVING
This course uses simulations and real-world problems as a basis for applied statistical methods. Students will use statistical software. Emphasis will be on knowing which statistical method is appropriate to solving specific problems, normalizing data and then understanding the results.
Credits: 3
Attributes: Adult Flex Track
Prerequisites: DATA 310

DATA 350 - FINDING DATA SETS
The purpose of this course is to develop skills in identifying appropriate data sources, including social networking data, for decision-making. Emphasis on validity and reliability in selecting a data source. An understanding of information systems is a focus of the course. Data definitions and data governance are discussed, as well as quality controls around data validity.
Credits: 3
Attributes: Adult Flex Track
Prerequisites: DATA 310

DATA 375 - DATA INTEGRATION & PLANNING
This course focuses on the techniques, abilities and skills necessary for creating change. The course requires the integration of financial, human systems, and strategic and technological skills to produce an implementation plan for success.
Credits: 3
Attributes: Adult Flex Track
Prerequisites: DATA 310 and DATA 335

DATA 380 - ACTIONABLE KNOWLEDGE
This course enables students to develop and extrapolate information into actionable knowledge. The focus in the course is on what data tells us about direction, decisions and strategy. Further, ethics and emotional impact on decisions are explored.
Credits: 3
Attributes: Adult Flex Track

DATA 387 - DATA VISUALIZATION
This course focuses on presenting data in ways in which it can be rapidly understood and contextualized by those unfamiliar with the analytical process. There is a focus on clarity, ethics, visual appeal and completeness of the communication.
Credits: 3
Attributes: Adult Flex Track
Prerequisites: DATA 380