I. **COURSE INFORMATION**
   A. Data 100 Introduction to Data Analytics
   B. 1 credit hour
   C. Textbook: None
   D. Prerequisite: None
   E. Placement: High school students junior or senior. College reading readiness

II. **COURSE DESCRIPTION**
   This course will enable the student to examine the role data analytics plays in helping to make better decisions based on data. The student will explore various models that can be utilized to help summarize, visualize, and interpret data in a variety of disciplines. Students will take the exam to receive a certificate for NC3 Data Analytics 1 Harnessing Data.

III. **LEARNING OUTCOMES**
   A. Learn to recognize and understand useful information within datasets
   B. Develop a working skillset using data analysis software
   C. Create charts, graphs and visuals to analyze data and identify relationships
   D. Understand the story in the data and how to communicate it to others through visual charts and verbal explanations
   E. Be able to leverage data analytics in their chosen field of study

IV. **MAJOR CONTENT AREAS**
   A. Data organization
   B. Data interpretation
   C. Data visualization
   D. Data analysis
   E. Use of data analysis tools (Tableau)

V. **ASSIGNMENTS** (may include but are not limited to)
   A. Written assignments
   B. Data set building spreadsheet analysis
   C. Final Project (Tableau)

VI. **EVALUATION METHODS** (may include but are not limited to)
   A. Assignments (reading, writing, oral, and listening)
   B. Data Analytics project
   C. Final NC3 Certification exam
   D. Attendance-90% class attendance is required