CIS 1160 – Introduction to Data Literacy
Credit Type – **Proficiency**

Course Description and Learning Outcomes:
https://www.sinclair.edu/course/params/subject/CIS/courseNo/1160/
Faculty Pathway Specialist(s) (Please include name, email and office hours**):**
Paul Hansford, paul.hansford@sinclair.edu
Resources Needed to Offer Course (software, equipment, books [include ISBN and edition], etc. – please include any associated costs)**:**
Full class set is required - DATA LITERACY FUNDAMENTALS: UNDERSTANDING THE POWER & VALUE OF DATA, ISBN13: 9781733263429 https://dataliteracy.com/store/#books – 50% discount code - DLEDU50. Please contact Paul for assistance with purchasing books. Certain programs are required for the course assignments – all are free for academic purposes, are open source, or have alternatives. The software tools are Tableau, SAS (Statistical Analysis System), Google Sheets or Excel, R Studio, SQLite (online option available)
How is the final grade for the course determined? (Please list all required assignments, assessments, etc.)
11 Assignments (20 points each), 7 Discussions (10 points each), 13 Quizzes (10 points each), Midterm Exam (52 points), Final Project (100 points)
Who is responsible for grading the required assignments and/or assessments? (faculty or instructor?)
Grades will need to be posted in eLearn by the High School Instructor. Grading rubrics will be provided for assignments, discussions, and final project. Rubrics will be uploaded to the eLearn shell by December 2024.
What is the grading scale for the course?
A (90-100%) - 505-562 points B (80-89%) – 449-504 points C (70-79%) - 393-448 points D (60-69%) - 337-392 points F (below 60%) - 0-276 points
Must students access the eLearn shell regularly to complete requirements?
Requires that students log in and utilize content in eLearn and submit all work through eLearn
Does the course require access to YouTube, GoogleDrive, etc.?
Yes, there are videos in the course that are connected to Youtube
Additional course details or requirements important for instructors not covered above:
Tableau is free for teaching if you fill out the following form for academic alliance - https://www.tableau.com/academic/teaching
Most common (or popular) degrees this course is in?
Data Literacy Foundation DL.S.STC Data Analytics DATA.S.AAS Data and Information Management DIM.S.STC