

Elective Course Description

Course Name	Information Analysis
Course Number	TBD after Board approval
Length of Course	One Semester
Grade Level	7-8, 9-12
Credit Type	0.5 Elective Per Semester (for students in grades 9-12)
Grading Scale	A-F
Course Prerequisite	None
Course Summary	<p>Students will learn and utilize a variety of effective reading strategies to access information they need in everyday life such as student loans and grants information, fish and game rules and regulations. They will collaborate with the instructor to identify the most meaningful documents to use during the class.</p> <ul style="list-style-type: none"> • Drivers education manual • Community or school grant requirements (they will select) • Safety manuals and informations (to include Material Safety Data Sheets) • How to manuals - greenhouse, fire truck pumper operation. • Product directions and manuals. • Income tax form directions
Primary Materials	<p>Laptop</p> <p>Articles on HOW to critically read.</p> <p>Documents that students will come across in their adult life</p> <p>https://www.youtube.com/watch/5Y00Qe-cODw</p> <p>This book can service as a helpful supplement: "13th Grade" by Daniel G. Hofstein</p>

Standards	<p>ELA Reading Standards for Informational Text 9-12</p> <p>Key Ideas and Details 1. Cite strong and thorough... 2. Determine a central idea... 3. Analyze how the autho... Craft and Structure 4. Determine the meaning... 5. Analyze in detail... 6. Determine an author's... Integration of Knowledge and Ideas 7. Analyze various accounts of a subject... 8. Delineate and evaluate... Presentation of Knowledge and Ideas 4. Present information... 5. Make strategic use... 6. Adapt speech to a variety of contexts...</p>
Assessment	<p>10% - Student developed rubrics, 30% - Discussion participation, 30% - Interactive reading of documents. (will assess the notes on the documents), 30% - Assignment completion.</p>

Activities

Week 1	Identify documents students are most interested in and or are in need of mastering such as: student loans and grants information, Fish and Game rules and regulations, drivers education manual, community or school grant requirements, safety manuals and informations, Material Safety Data Sheets, how-to manuals, product directions and manuals, income tax form directions. Use this list to plan "document of the week" for upcoming lessons.
Week 2	Read about the best reading strategies for complex technical text. Review and develop our own list of reading strategies to support accessing this challenging text. Define, exam, and demonstrate "Predatory Reading Skills."
Week 3	Use predatory reading skills to read the document of the week. Record questions and understanding. Make notes about how it could be written in a more accessible manner.
Week 4	Use predatory reading skills to read the document of the week. Record their questions and understanding. Make notes about how it could be written in a more accessible manner.
Week 5	Use predatory reading skills to read the document of the week. Record their questions and understanding. Make notes about how it could be written in a more accessible manner.
Week 6	Complete a specific related assignment - eg: take the driving test, file income taxes or pick one of the above documents or in the case of a manual - a section - and rewrite it in the manner that would be easier for others to comprehend.
Weeks 7-9	Use predatory reading skills to read the document of the week. Record questions and understanding. Make notes about how it could be written in a more accessible manner.
Week 8	Use predatory reading skills to read the document of the week. Record questions and understanding. Make notes about how it could be written in a more accessible manner.
Week 9	Use predatory reading skills to read the document of the week. Record questions and understanding. Make notes about how it could be written in a more accessible manner.
Week 10	Complete a specific related assignment - eg: take the driving test, file income taxes or pick one of the above documents or in the case of a manual - a section - and rewrite it in the manner that would be easier for others to comprehend.

Week 11	Research and select the reading materials for the culminating project. (building a bicycle, repairing a bicycle, building a kiln, trebuchet, or a pizza oven, or other activity they select)
Week 12	Read the selected documents and create an action plan to build the item and start the process.. Document questions and challenges. Write a daily reflection.
Week 13	Reference the selected documents and follow the action plan and build the item. Document questions and challenges. Write a daily reflection.
Week 14	Reference the selected documents and follow the action plan and create. Document questions and challenges. Write a daily reflection.
Week 15	Write directions for building and operating their project that they believe are more accessible to the everyday reader.
Week 16	Class reflection - written or discussion. Demonstrate mastery with reflection and evaluation of completed work. May bring in community members/subject matter experts to provide feedback.