

### Communicative Fluency

- Develops and presents cogent, coherent, and error-free written communication with general and specialized audiences
- Develops and presents cogent, coherent, and error-free oral communication with general and specialized audiences
- Recognizes and uses other modalities of communication (e.g. digital, expressive, and scientific) effectively and appropriately
- Understands and effectively uses genre and disciplinary conventions for communication, including syntax and mechanics, for a variety of purposes
- Chooses a variety of sources of evidence appropriate to the audience and purpose; selects sources after considering the importance of multiple criteria, such as relevance, currency, authority, scholarliness, and bias or point of view
- Achieves positive outcomes with others through interpreting both verbal and nonverbal information, social perceptiveness, empathy, persuasion, and negotiation; able to select key pieces of a complex idea to express in words, sounds, and images, in order to build shared understanding

### Ethical Reasoning

- Recognizes ethical issue
- Identify one's culturally inherited beliefs through self-awareness & civic identity
- Understand the different ethical perspectives/concepts & diversity of communities and cultures
- Apply beliefs and ethical perspectives
- Demonstrate the impact of ethical decision making on civic contexts and structures

### Global and Cultural Responsiveness

- Demonstrate understanding of relevant historical, cultural, political contexts
- Compare and contrast practical and ideological differences among cultures
- Show appropriate contexts and methods for suspending value judgments
- Demonstrate capacity for empathy
- Demonstrate sensibility to actions' consequent reciprocal reactions

### Information Literacy

- Recognize an information need and determine extent and type of information needed
- Identify and locate appropriate sources
- Critically evaluate information and its sources
- Effectively synthesize, apply, and share information to accomplish a specific purpose
- Demonstrate understanding of relevant legal and ethical issues for information use

### Problem Solving (Critical & Creative)

- Define complex problems, issues, or questions
- Identify and seek out approaches, information, skills and relevant resources.
- Develop and propose multiple solutions (demonstrating intellectual risk-taking and tolerance for ambiguity)
- Evaluate potential solutions with awareness of contradictions, competing assumptions, and consideration of context
- Analyze the implications, consequences, and outcomes of solutions

### Quantitative Literacy

- Convert information into mathematical/symbolic forms
- Recognize the appropriate mathematical/statistical operations for the analysis of given information/data sets
- Perform mathematical/statistical operations
- Extract the meaning of a quantitative analysis, draws inferences, and produces appropriate conclusions
- Express the rationale for the application of specific operations to specific data sets and the validity of conclusions derived from analyses