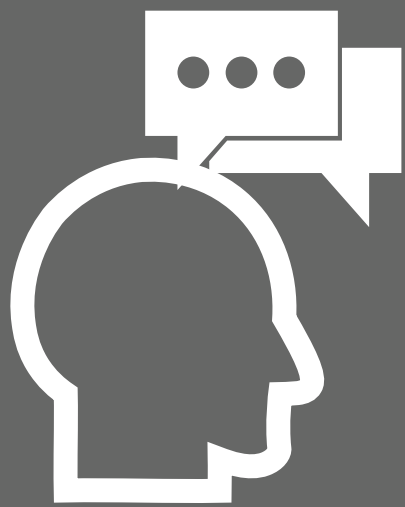




## Written Communication Competencies

### NC State students will:

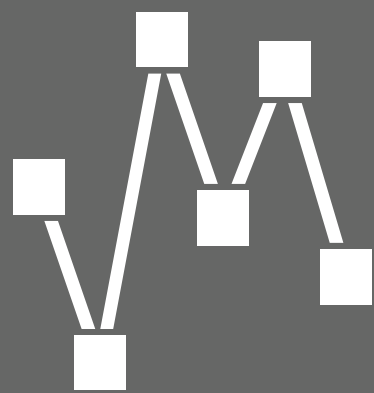
- Produce writing in a variety of genres that follows conventions appropriate to the intended audience and purpose. Writing is purposeful and varies according to context.
- Use various strategies for planning, developing, revising, and polishing texts. Writing is a complex, nonlinear process.
- Locate, evaluate, and synthesize the work of others in ways that are appropriate to the writing context. Writing often builds on the work others; strategies for locating and criteria for evaluating information vary according to context.



## Oral Communication Competencies

### NC State students will:

- Use verbal and nonverbal communication for clear expression of ideas.
- Build, express, and justify an informed position.
- Adapt messages to varying situations and contexts.



## Quantitative Literacy Competencies

### NC State students will:

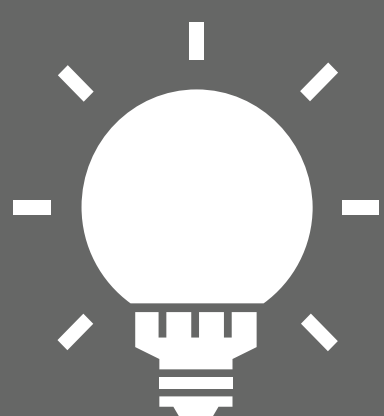
- Perform basic calculations using mathematical reasoning and problem solving in core areas including arithmetic, numbers and operations, algebra, geometry, and statistics.
- Convert relevant information into various quantitative forms (e.g., equations, graphs, diagrams, tables, maps, words)
- Explain information generated or presented in quantitative or mathematical forms (e.g., equations, expressions, graphs, diagrams, tables, words)
- Make judgments and draw appropriate conclusions based on the quantitative, logical and statistical analysis of data, while recognizing the limits of this analysis.
- Express quantitative, logical and statistical evidence in support of the argument or purpose of the work (in terms of what evidence is used and how it is formatted, presented and contextualized).



## Critical Thinking Competencies

### NC State students will:

- Raise questions, formulate problems and identify appropriate information when solving a problem.
- Evaluate and interpret information presented when solving a problem.
- Generate, judge, and synthesize appropriate solutions for a problem.
- Organize and communicate their thinking effectively in written form.



## Creative Thinking Competencies

### NC State students will:

- Apply creative thinking skills to explore alternatives, convey unique or novel ideas, create new knowledge, and adapt to new context and information.
- Apply creative thinking skills to evaluate the benefits and drawbacks of ideas, recommend appropriate solutions and take risks in proposing approaches or directions.