E2c: Analytical Thinking

Courses fulfilling analytical thinking requirement include mathematics, logic, statistics, computer languages and programming, and related disciplines. Courses in this area develop logical thought and critical evaluation of communication in areas other than written composition. Critical thinking courses include explicit instruction and practice in inductive and deductive reasoning and identification of formal and informal fallacies of language and thought.

1. Solve challenging problems that require quantitative reasoning.
2. Interpret graphical representations of quantitative information.
3. analyze, criticize, and advocate ideas, to reason inductively and deductively, and to identify the assumptions upon which particular conclusions depend.
4.