E2c: Analytical Thinking

Courses fulfilling analytical thinking requirement include mathematics and quantitative reasoning such as logic, statistics, computer languages and programming, and related disciplines. Critical thinking courses include explicit instruction and practice in inductive and deductive reasoning and identification of formal and informal fallacies of language and thought.

Commented [MT1]: New title 5 language

Commented [MT2]: Change to analytical thinking?

Upon completion of a course satisfying the Analytical Thinking requirement, a student will be able to demonstrate one or more of the following outcomes:

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

Notes: