

LEARNING OUTCOMES

Math

C Morris / M Pedone

1. Use critical thinking to interpret and analyze displays of data.
2. Be able to communicate in oral, written, and symbolic form to a colleague in your profession how to use the appropriate mathematical model in a given situation-
 - a. To express and interpret concepts, symbols and language of mathematics to model common situations.
3. Recognize and use appropriate technology to solve or research problems.
4. Demonstrate the ability to support or refute an argument using mathematical methods.
5. Use logic and reasoning to translate a described problem-scenario into a mathematical scenario, solve that problem and interpret that solution in terms of the original problem.
 - a. Recognize a mathematical situation in real life and be able to find and apply the appropriate mathematical tools and concepts needed.
 - b. Use a base of knowledge and critical/logical thinking to solve problems and analyze the suitability of results.
6. To develop skills to learn new “routines/recipes/algorithms” to solve problems and communicate about them effectively.