

SUNY GENERAL EDUCATION LEARNING OUTCOMES – STRENGTHENED CAMPUS-BASED ASSESSMENT

Knowledge and Skills Areas

1. MATHEMATICS

Students will demonstrate the ability to:

- Interpret and draw inferences from mathematical models such as formulas, graphs, tables and schematics;
- Represent mathematical information symbolically, visually, numerically and verbally;
- Employ quantitative methods such as, arithmetic, algebra, geometry, or statistics to solve problems;
- Estimate and check mathematical results for reasonableness; and,
- Recognize the limits of mathematical and statistical methods.

2. BASIC COMMUNICATION (WRITTEN)

Students will:

- Produce coherent texts within common college-level written forms;
- Demonstrate the ability to revise and improve such texts; and,
- Research a topic, develop an argument, and organize supporting details.

Competencies

1. CRITICAL THINKING (REASONING)

Students will:

- Identify, analyze, and evaluate arguments as they occur in their own or other's work; and
- Develop well-reasoned arguments.