

# Technical Mathematics Area Assessment Outcomes

After completing the mathematics component of their general education, students in the College of Applied Science and Technology should possess the following competencies:

1. the ability to use algebraic tools when making qualitative and quantitative judgements;
2. the ability to recognize and solve technical problems using mathematical techniques;
3. the ability to recognize and use of a wide range of mathematical applications;
4. the ability to construct and interpret the various types of graphs;
5. an understanding the mathematical function concept and its applications;
6. the ability to use common technological tools when when solving mathematical problems;
7. the ability to utilize critical thinking and analytical skills when solving real-life problems;
8. knowledge of the effects of mathematics on human activities and society.