

LIBERAL ARTS & SCIENCE: MATHEMATICS (A.S.) PROGRAM STUDENT LEARNING OUTCOMES

Upon successful completion of the A.S. in Mathematics, the student will be able to:

1. Generate mathematical results using differential calculus.
2. Generate mathematical results using integral calculus.
3. Employ technology to solve mathematical applications. (e.g. Graphing Calculator, Minitab software, Maple software)
4. Apply basic statistical methods to data to make decisions.
5. Represent quantitative information graphically in a variety of applications.
6. Generate results using a mathematical proof.
7. Apply appropriate mathematical operations to given problem situations.