**Associate of Science in Computer Science**

Students who earn the Associate of Science in Computer Science will:

1. Use spreadsheets for tabular data analyses and corresponding graphics.
2. Apply fundamental concepts of functions, relations, sets, and counting strategies in problem solving.
3. Demonstrate logic and proof techniques in solving problems in discrete mathematics.
4. Apply problem-solving techniques for developing algorithms and computer programs.
5. Demonstrate appropriate use of fundamental programming constructs and data types.
6. Apply complex data structures, abstraction, and object-oriented methodologies when developing software solutions for problems.
7. Create graphical user interfaces to interact with software users.