The computer science program at Alfred State was one of the originally established programs in the SUNY system. It is a comprehensive program, which will prepare you for this fast-moving field with courses in the underlying theories of computing, as well as the specific applications of information manipulation and problem solving.

**ADVANTAGES**
Students develop strong written and oral communication, critical thinking, and problem-solving skills.

A laptop computer is required for students entering the computer science program. Laptop specifications are available at www.alfredstate.edu/required-laptops.

**DIRECT ENTRY INTO BACCALAUREATE DEGREE PROGRAMS**
Alfred State computer science graduates may enter directly into either the interdisciplinary studies BTech or technology management BBA degree program.

**CONTINUING EDUCATION OPPORTUNITIES**
The primary focus of the computer science program is transfer. The AS degree granted is specifically designed to maximize transfer credit to four-year programs. Transfer into the information technology programs: network administration, web development, and applications software development is possible with junior status with careful selection of courses for electives.

**OCCUPATIONAL OPPORTUNITIES**
- Network management
- Systems administration
- Computer engineering technology
- Computer support
- Computer programming
- Database administration
- Web development

**EMPLOYMENT STATISTICS**
Employment and continuing education rate of 100 percent – 100 percent continued their education.

**RELATED PROGRAMS**
- Computer Engineering Technology
- Computer Information Systems
- Cyber Security
- Information Technology: Applications Software Development
- Information Technology: Network Administration
- Information Technology: Web Development

**ENTRANCE REQUIREMENTS/RECOMMENDATIONS**
Required: Algebra, Geometry, Algebra 2/ Trigonometry

Recommended: Pre-calculus, Physics