

INFORMATION TECHNOLOGY, B.S. (ALTOONA)

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Any Penn State Campus

End Campus: Altoona

Program Learning Objectives

- Communicate and work effectively across multiple perspectives and audiences.
 - Utilize teamwork to accomplish a common goal.
 - Demonstrate the ability to communicate with written, oral, and multimedia based mechanisms.
 - Seek, analyze and incorporate diverse ideas and perspectives.
 - Work respectfully, kindly, and inclusively with all people.
- Understand, apply and demonstrate practical and theoretical knowledge of information technology.
 - Explain and apply core concepts, principles, processes, and theories to real-world problems.
 - Understand computer hardware, operating systems, networks and databases.
 - Demonstrate proficiency in programming and scripting.
 - Apply project management principles to information technology.
- Commit to and engage in ongoing information technology education.
 - Employ self-directed learning through books and online resources to continually acquire new knowledge and expertise.
 - Enroll in formal professional development and educational programs.
 - Pursue relevant certifications.
- Understand and apply problem solving strategies across a variety of information technology domains.
 - Identify information technology problems pertaining to people and systems.
 - Analyze problems and develop solutions incorporating both human and technical considerations.
 - Deploy and evaluate the effectiveness of solutions.
- Understand ethical, legal, and social responsibilities both individually and for the information technology community.
 - Understand how professional responsibility choices impact individuals, organizations and society.
 - Consider how information technology problems and solutions impact individuals, organizations and society.