INFORMATION TECHNOLOGY, B.S. (ALTOONA)

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.