

Discover INFORMATION TECHNOLOGY

Industry Overview

Information Technology careers are all about problem-solving, creativity, and applying knowledge to the newest tech gadgets. Due to rapid growth in cloud computing and public interest in information security, the demand for this field is high and growing. Use your skills for innovation and troubleshooting to shape our digital culture in an IT career.

Program Overview

Step into the world of technology and prepare for an exciting future in one of today's fastest-growing career fields. Over two years, students will gain hands-on experience with everything from building and repairing personal computers to managing operating systems in real-world business environments. You will learn the skills that employers value most, including problem-solving, teamwork, and professionalism, while earning valuable industry-recognized certifications along the way.

From cybersecurity to network security, explore how to protect systems and data, design and configure networks, and keep technology running smoothly for businesses, schools, and organizations. Whether you are interested in preventing cyberattacks, troubleshooting computer systems, or setting up secure networks, this program provides the tools and confidence to succeed. With strong career opportunities in IT and the option to continue your education after high school, this pathway is designed to make you both career-ready and college-prepared.

Student Organization

Information Technology students participate in Business Professionals of America (BPA), a career tech student organization that prepares emerging leaders for careers in business, information technology, and related fields. BPA provides opportunities to develop leadership, professional, and technical skills through competitions, community service, and workplace readiness training.

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Northwest Local Schools

Coursework

- Personal Computers
- Fundamentals of Operating Systems
- Cybersecurity
- Network Security

Certification Opportunities

- CompTIA A+
- CompTIA Security+
- CompTIA Network+



Student Organization

Programming with game and web design students are members of Business Professionals of America (BPA). BPA is an influential resume builder while also providing opportunities to become local and state officers, develop leadership skills, and compete at the local, state and national level. In the past, BPA students have traveled to Columbus, Orlando, Anaheim, Dallas and Chicago to compete.

Your PASSION. Your PURPOSE. Your IMPACT.

Skills

Critical Thinking

Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

Active Listening

Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.

Judgment and Decision Making

Considering the relative costs and benefits of potential actions to choose the most appropriate one.

Personality

Realistic

People interested in this work like activities that include practical, hands-on problems and solutions. They do well at jobs that need:

- Adaptability / Flexibility
- Analytical Thinking
- Attention to Detail
- Cooperation
- Dependability
- Integrity

Career Pathways

- Network Engineer
- PC Support Technician
- Cybersecurity Analyst
- IT Manager
- Platform Analyst



"In IT, I get to do hands-on projects every day. I've built computers, learned how to protect networks, and even practiced stopping cyberattacks. It feels good knowing I'm getting real skills that will help me after graduation."

Junior IT Student

Discover Information Technology at Butler Tech and pursue a career that's right for you.

Butler Tech connects high school students to career technical education in more ways than ever. Complete your traditional academic courses in half of each school day and fill the other half of your day with career-focused labs and on-the-job training. Each moment in a Butler Tech career technical program is a step toward building your future.



See your guidance counselor for application information.

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