

INFORMATION TECHNOLOGIES ACADEMY

2024-2025



Information Technologies Academy provides students with skills in computer building, updating and repair. Employment opportunities may include such positions as a personal computer support technician or computer security specialist.

Program Highlights:

- Assemble, operate, install, upgrade, troubleshoot, and repair a wide variety of computers, information systems, software applications, and network systems; and become a certified technician
- Use high-tech tools and industry techniques to explore specializations in the fields of cybersecurity, advanced networking, programming, computer game design, robotics, electronics, and more
- Gain real-world experience through public service and community involvement

The Program Focuses on the Following State Approved Courses:

- Information Technology
- Computer Hardware
- Programming
- Computer Software
- Cyber Security
- Networking



COST-FREE COLLEGE CREDIT OPPORTUNITIES

College Credit Plus through Owens Community College

- IST 101: IT Fundamentals (3 Credit Hours)
- IST 133: Trouble Shooting Apps and Hardware (3 Credit Hours)
- IST 175: Networking Technologies (3 Credit Hours)

Career Technical Assurance Guides (CTAGs)

- CTIT005: Introduction to Desktop Operating Systems (3 Credit Hours)
- CTIT014: PC Operating Systems, Hardware Operation & Maintenance/A+ (3 Credit Hours)
- CTPROG001: Introduction to Programming (3 Credit Hours)

Articulated Credits through Hocking College – Up to 19 Credit Hours

Articulated Credits through the University of Northwestern Ohio – Up to 9 Credit Hours

INDUSTRY-RECOGNIZED CREDENTIALS (POINT VALUES)

- CompTIA A+ (6 Points)
- CompTIA Network+ (6 Points)
- CompTIA Security+ (6 Points)
- CompTIA Server+ (6 Points)
- CompTIA IT Fundamentals (6 Points)
- CompTIA Cloud Essentials (6 Points)
- Unity Certified User: Programmer (4 Points)
- Ohio Driver's License (1 Point)

OHIO MEANS JOBS OCCUPATIONS LISTED ACCORDING TO TYPICAL SALARY

OCCUPATION TITLE	TYPICAL SALARY-BOTTOM 10%	TYPICAL SALARY-MEDIAN	TYPICAL SALARY-TOP 10%	TYPICAL EDUCATION	ANNUAL JOB OPENINGS
Computer User Support Specialists*	\$37,460	\$51,490	\$79,850	Some College, No Degree	1,700
Computer Network Support Specialists*	\$43,990	\$65,040	\$117,420	Associate's Degree	630
Network and Computer Systems Administrators*	\$58,070	\$96,660	\$149,720	Bachelor's Degree	810
Information Security Analysts*	\$68,660	\$106,460	\$164,460	Bachelor's Degree	470
Computer Systems Analysts*	\$63,670	\$95,400	\$143,470	Bachelor's Degree	1,730
Software Developers	\$71,250	\$107,560	\$159,250	Bachelor's Degree	5,240
Computer and Information Systems Managers*	\$98,880	\$162,280	\$219,920	Bachelor's Degree	1,000

JOB OUTLOOK COMPILED BY OHIO MEANS JOBS AS OF SEPTEMBER 2024; VISIT OHIOMEANSJOBS.COM FOR MORE INFORMATION.

*Denotes an In-Demand Occupation in the State of Ohio

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Supervisor: Josh Sandwisch 419.661.6358 jsandwisch@pentacc.org

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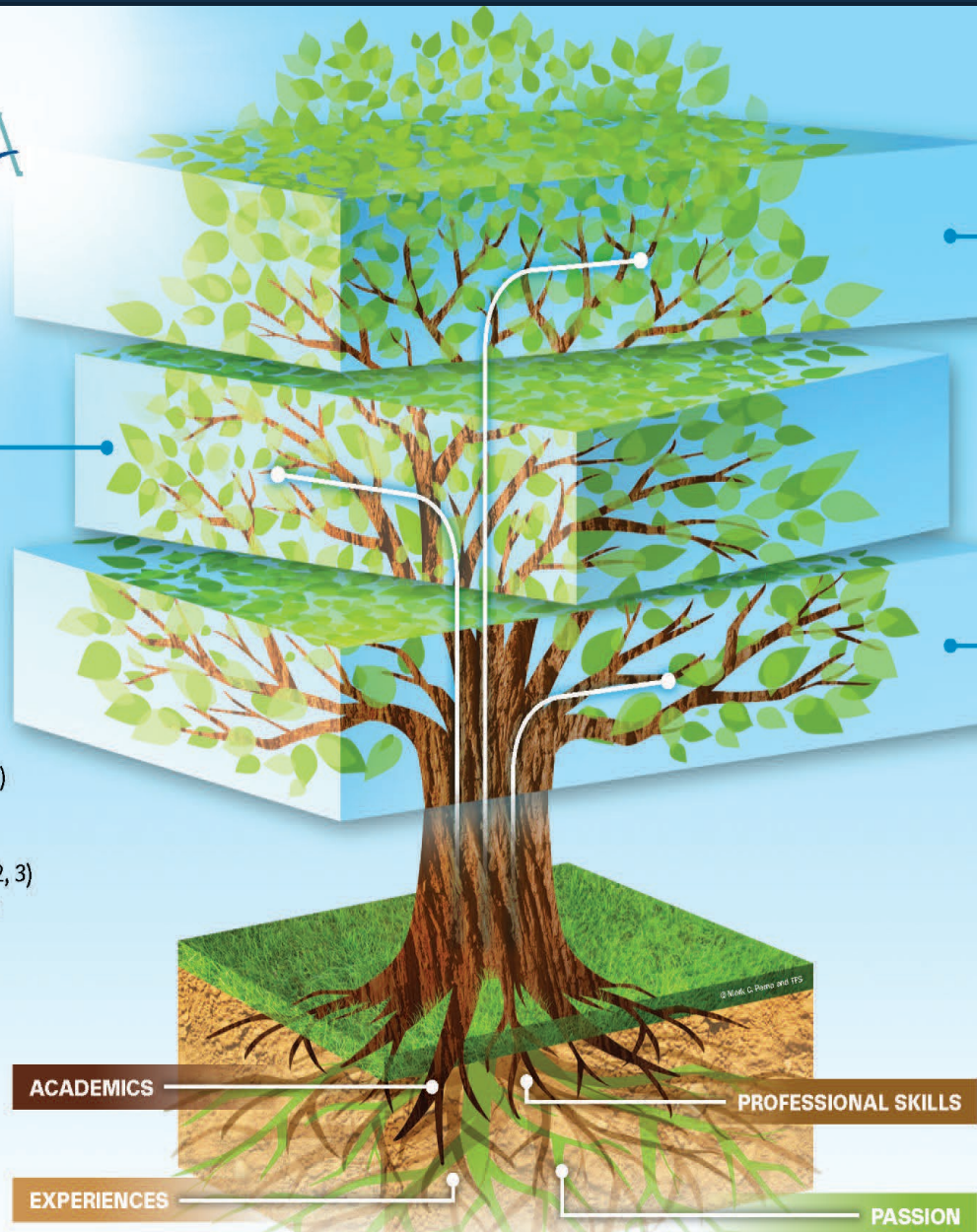
Admissions: Tricia Hornyak 419.661.6498 thornyak@pentacc.org



TECHNICAL CAREERS

- Database Developer
- Database Administrator
- Programmer/Software Engineer
- Web Designer
- Network Technician (Level 2)
- Systems Analyst
- PC Technician (Level 2, 3)
- Helpdesk Specialist (Level 2)
- Cloud Architect/Engineer
- Helpdesk Manager
- Network Technician (Level 2, 3)
- Network Operations Center Technician

Note: There are hundreds of possibilities in IT including many branches not shown here; many positions available in five years have not even been dreamt of yet!



PROFESSIONAL CAREERS

- Network Engineer
- Network Administrator
- Database Engineer/Administrator
- CIS Manager
- Chief InfoSec Officer
- Cyber Security Analyst/Engineer
- IT Educator
- Computer Scientist
- IT Forensics Specialist
- Software/Game Developer
- Systems Administrator
- IT Project Manager

ENTRY-LEVEL CAREERS

- Helpdesk Specialist
- PC Technician (Level 1)
- Software/Game Programmer
- Data Entry Specialist
- Mobile App Developer
- Data Modeler
- Database Associate
- Junior Web Developer
- Network Technician (Level 1)
- Telecom Specialist
- A/V Specialist
- Broadband Installer

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