INFORMATION TECHNOLOGIES ACADEMY

2020-2021

PENTA CAREER CENTER

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 Software
- Computer Hardware
- Cyber Security
- Programming

COST-FREE COLLEGE CREDIT OPPORTUNITIES

College Credit Plus through Owens Community College
- 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: Computer Logic (3 Credit Hours)

Articulated Credits through Hocking College – Up to 22 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)
- Cisco Certified Entry Network Technician (CCENT) (6 Points)
- CompTIA IT Fundamentals (6 Points)
- CompTIA Cloud Essentials (6 Points)

OHIO MEANS JOBS OCCUPATIONS LISTED ACCORDING TO TYPICAL SALARY					
OCCUPATION TITLE	TYPICAL SALARY-BOTTOM 10%	TYPICAL SALARY-MEDIAN	TYPICAL SALARY-TOP 10%	EDUCATION LEVEL	ANNUAL JOB OPENINGS
Computer User Support Specialists*	$30,750	$48,150	$77,690	Some College, No Degree	1,440
Web Developers*	$35,480	$68,780	$106,120	Associate's Degree	290
Computer Network Support Specialists*	$38,360	$58,780	$96,550	Associate's Degree	780
Network and Computer Systems Administrators*	$51,040	$78,430	$125,700	Bachelor's Degree	860
Software Developers, Applications*	$55,640	$92,110	$139,300	Bachelor's Degree	3,000
Information Security Analysts*	$53,120	$92,740	$145,700	Bachelor's Degree	290
Computer Systems Analysts*	$55,540	$84,690	$126,420	Bachelor's Degree	1,860
Computer and Information Systems Managers*	$82,290	$128,230	$199,220	Bachelor's Degree	1,060
JOB OUTLOOK COMPILED BY OHIO MEANS JOBS AS OF OCTOBER 2020; VISIT OHIOMEANSJOBS.COM FOR MORE INFORMATION.					

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

Instructor: Michael Rietzke 419.666.1120 Ext. 2220 mrietzke@pentacc.org
Instructor: Dan Wyandt 419.666.1120 Ext. 2218 dwyandt@pentacc.org
Supervisor: Tonya Kessinger 419.661.6371 tkessinger@pentacc.org

Career Services: Marshall Wolf 419.661.6372 mwolf@pentacc.org
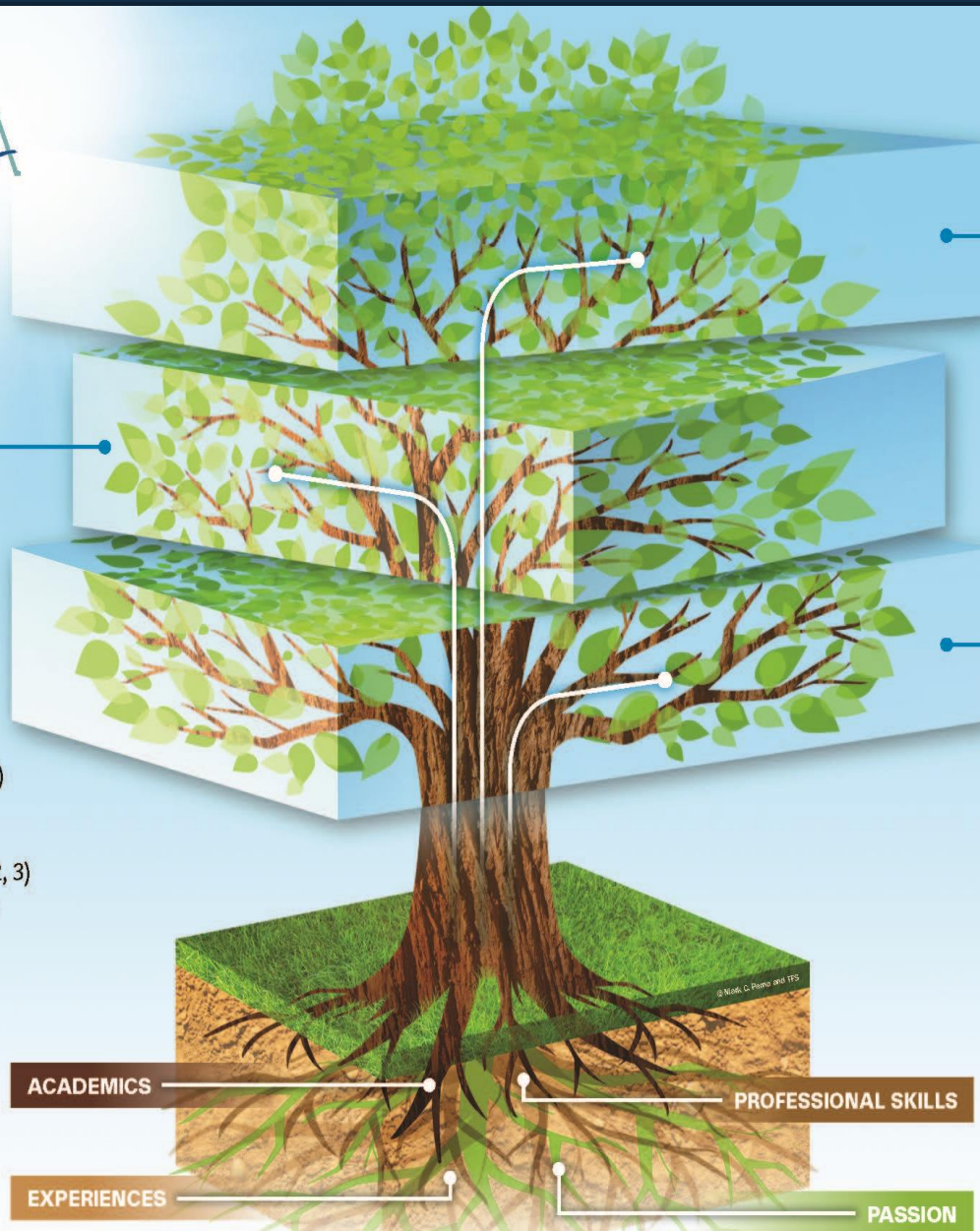**Admissions:** Tricia Hornyak 419.661.6498 thornyak@pentacc.org

EDUCATION WITH PURPOSE

CAREER TREE®

PENTA CAREER CENTER

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

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

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

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!

ACADEMICS

PROFESSIONAL SKILLS

EXPERIENCES

PASSION

@ Mark C. Perna and TFS

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