

JEFF TECH

THE SCHOOL OF CHOICE



**Information
Technology
Academy**



INFORMATION TECHNOLOGY ACADEMY

The IT Academy offers training in three programs: **Computer Network Engineering, Digital Media Technology and Computer Technology.** Through these programs students are offered a unique opportunity to receive instruction in a wide variety of information technology pathways. The IT Academy offers varying degrees of training in all of the most current career IT pathways except Programming and Software Development. Each of our programs offer exciting and challenging career opportunities. The knowledge and skills learned form a strong foundation for success in a post-secondary institution or at the workplace.

JEFF TECH
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REYNOLDSVILLE, PA 15851
814-653-8265
WWW.JEFFTECH.US

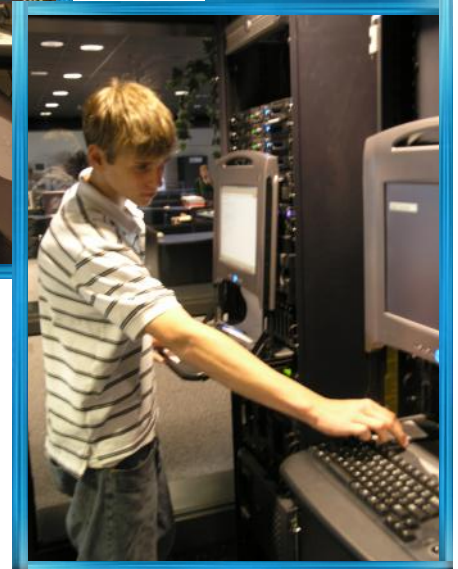
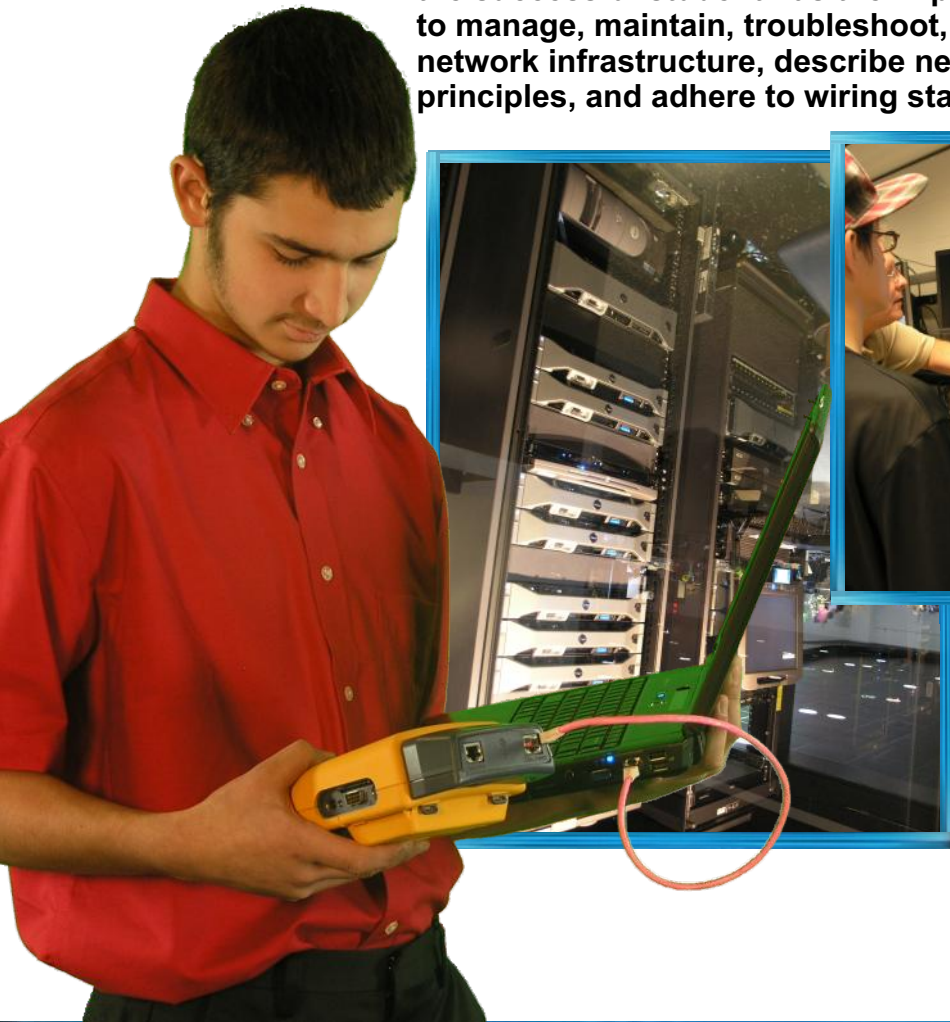
www.itacademy.us

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COMPUTER NETWORK ENGINEERING

The Computer Network Engineering curriculum is designed to ensure that the successful student has the important knowledge and skills necessary to manage, maintain, troubleshoot, install, operate and configure basic network infrastructure, describe networking technologies, basic design principles, and adhere to wiring standards and use testing tools.



ROBERT G. WACHOB
INSTRUCTOR

The systems within...

Major topics covered include network technologies, network media and topologies, network devices, network management, network tools and network security. Students also receive direct experience in the administration of network servers which includes: user and group management, server security, network shares, network operating systems, user and workstation security and remote connectivity. Students selected for the Computer Network Engineering program will work extensively as interns for Jeff Tech to keep the schools network infrastructure and workstations maintained and operational. This in-depth program is designed to meet the requirements of the CompTIA Network+ test.



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DIGITAL MEDIA TECHNOLOGY

Students receive extensive training in the areas of Digital Sound, Digital Photography, Multimedia Production, Graphics and Animation and Digital Video Production. This program produces its own website which students use to produce enhanced learning experiences. Visit the Digital Media Technology program online at www.dmtstudio.net.



SAM A. ETTARO
INSTRUCTOR

Of eye and heart...

An instructional program that focuses on the development, use and regulation of new electronic communication technologies using computer applications and that prepares individuals to function as developers and managers of digital communications media. This program includes instruction in the principles of computers and telecommunications technologies and processes; design and development of digital communications; marketing and distribution; digital communications regulation, law and policy; the study of human interaction with, and use of, digital media; and emerging trends and issues. Students have an inherent knowledge and familiarity with interactive media products such as video games, digital videos and digital photographs and this is enhanced through their exposure to industry standard software such as Flash, Fireworks, Dreamweaver, After Effects, Adobe Premiere and much more. Based on the Adobe Cs4 Certified Associates Curriculum, the DMT program directly addresses International Society for Technology in Education standards as well as academic standards through real-world application, classroom exploration and an innovative Project-Based-Learning approach. Students are introduced to the digital video camera, audio production booth, interactive, web and special effects production through the Adobe Cs3 software suite and beyond..



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COMPUTER TECHNOLOGY



Students gain real life hands-on experience in software as well as the essential troubleshooting skills needed by technical support specialists. Working with both hardware and vibrant computer simulations they learn about the mechanisms of the personal computer as well as the latest Web 2.0 tools.



**BET HEBERLING
INSTRUCTOR**

Building the foundation...

Students perform a series of real-life maintenance and upgrading modules that include: installing and upgrading internal computer and laptop components, configuring a small/home office network and configuring system security settings. Students will also explore basic programming concepts, robotics and augmented reality modules.



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