Computer Information Technology

Recommendations for Success:

- Knowledge of basic computer applications
- Keyboarding
- Comprehend textbook content, graphs, charts
- Be an independent learner
- Read and interpret technical documents
- Pay attention to detail
- Follow written and oral directions
- Good attendance/homework completion dependability
- Exceptional ethics, honesty, and integrity
- Troubleshoot, diagnose, and problem solve
- Sit/concentrate at a computer for long periods
- Good vision to view small details
- Follow safety rules
- Work independently and without supervision
- Good verbal and written communication skills
- Accept criticism & deal effectively in high stress situations
- Be adaptable, flexible and persistent
- Algebra fundamentals
- Reading & writing fundamentals
- Science fundamentals

Lenape Technical School	Computer Information Technology
Objective of field	To successfully complete the certification exams, obtain further education, and/or work experience in order to obtain entry-level employment in the Information Technology field.
Job Duties / Training	The Computer Information Technology program helps students gain the practical experience and knowledge needed to pass the entry-level certifications for A+, Network+, and/or Server+ CompTIA certifications.

Classroom Tests	A+ Chapter Exams
	A+ Final Exam – Essentials
	A+ Final Exam – Practical Applications
	A+ Certification Exam – Essentials
	A+ Certification Exam – Practical Applications
	Network+ Chapter Exams
	Network+ Final Exam
	Network+ Certification Exam
	Server+ Chapter Exams
	Server+ Final Exam
	Server+ Certification Exam
	
	If entering CIT as a sophomore:
	   Year 1: 30 tests*
	   Year 2: 25 tests*
	   Year 3: 25 tests*
	
	If entering CIT as a junior:
	   Year 1: 30 Tests*
	   Year 2: 25*
	
	This number is approximate and is subject to change

Certification Tests	CompTIA A+ Network+ Server+ (optional) Linux+ (optional)
Books	1 Electronic Textbook, Lab Manual, Reference Books, and Study Guides

Lecture Time	Year 1: 2 hours/week*
	   Year 2: 2 hours/week*
	   Year 3: 2 hours/week*
	
	This number is approximate and is subject to change

Co-op/Clinical	• Student must receive approval from all members of the professional staff • Student must have a "B" grade or higher in all subjects • Student must have a satisfactory discipline record • Student must maintain passing grades while they are in the co-op program • Student must maintain strong attendance record and demonstrate punctuality • Student must provide their own transportation to and from work • Student must have completed 80% of program competencies
Homework	Homework average is 1 to 2 hours per night, depending on the student's abilities • Chapter requirements • Lab-Simulations • Research
Task Lists	• A+ Essentials Certification objectives • A+ Practical Applications Certification objectives • Network+ Certification objectives • Server+ Certification objectives

Lenape Technical School	Computer Information Technology

Task Lists Continued	If entering CIT as a sophomore:
	    Year 1: 61 tasks*
	    Year 2: 45 tasks*
	    Year 3: 35 tasks*
	
	If entering CIT as a junior:
	    Year 1: 61 tasks*
	    Year 2: 35 tasks*
	
	This number is approximate and is subject to change

Planned Courses	• CompTIA A+ Certification (junior year - includes computer core hardware, computer operating systems, and networking basics) • CompTIA Network+ (senior year - includes basic networking, intermediate networking, data cable creation, and participating at the Computer HelpDesk that responds to school computer/networking repair requests) • CompTIA Server+ (senior year - includes basic server installation, management, and troubleshooting web servers and email servers; students must participate in management of various shop servers)
Soft Skills	• Verbal and written communication skills • Patience with equipment and people • Client services communication skills
Computer Skills	• Keyboarding • Word Processing • Spreadsheets • Presentation • Email • Microsoft Word, Excel, and PowerPoint
Physical Requirements	• Ability to sit for long periods of time • Ability to lift 50 pounds • Good vision
Vocational Testing Essential Aptitudes for lab recommended levels	• Structural mechanical visualization/reasoning • Manual dexterity • Discrimination by size/shape and touch/color • Retention of mechanical and structural detail
Computer Requirements	**Student's Expense:** • Current computer and operating system • Internet connection
Uniform Requirements	**Student's Expense:** • Business casual dress • CIT polo shirts
Articulation Agreements	This is a program of study (POS) that has a state-wide articulation agreement with post-secondary institutions. To find these, please see: www.collegetransfer.net for this CIP Code: 11.0901

Lenape Technical School	Computer Information Technology		
	Entry Level	**2-Year Associates Degree**	**4-Year Bachelor's Degree**
Employment/Job Outlook	Computer Operator Field Support Technician Hardware Installation Coordinator Help Desk Technician Network Support Technician Operating Systems Specialist	Information Sciences and Technology Computer Engineering Technology Telecommunications Technology	Computer Forensics Computer Information Systems Computer Engineering Technology Computer Science and Engineering
How to find out more?	http://www.bls.gov http://www.comptia.org		