

CAREER OPTIONS



PC Service Technician
• Computer Network Support
Specialist • Computer
User Support Specialist •
Networking Cabling Specialist

ANNUAL SALARY



Entry level to experience

\$44,000 - \$118,000

INDUSTRY CERTIFICATIONS



A+ Certification
Cisco Certified Networking Associate
Security Network
Fiber Optics
N+ Certification

PROFESSIONAL ASSOCIATIONS



Cisco Systems
CompTIA
Fiber Optics Association
Networking Cabling

estimated cost of TOOLS & SUPPLIES



Safety Glasses	\$1-45
Uniform Shirt	\$35-55
Uniform Pants	\$15-40
Tools	\$50-\$500
Textbooks	\$300



Los Angeles Trade-Technical College

INFORMATION TECHNOLOGY (IT Networking)

Students can acquire the basic skills and knowledge to earn the Microcomputer Technician Associate in Science Degree / Certificate of Achievement. This program will not only prepare students for an award, but will also prepare them for the A+ Certification exam, and help them prepare for the Cisco Certified Networking Associate (CCNA).

By fulfilling the program requirements, students are able to format a computer, install the operating system, and install all the necessary drivers. Students will be able to successfully configure and create a network system consisting of a number of computers all for employment in a field related to microcomputer technician.



Degree and Certificate

To earn an **Associate in Science degree** students should complete the 42 units of Required Courses with a "C" or better in each course, and the general education courses under the **GE Graduation Plan**.

Requirements for the **Certificate of Achievement** may be met by completing 42 units of Required Courses with a "C" or better in each course.



Award	Required Courses	Major Electives	GE Graduation Plan
○ Associate of Science Degree	42 units		~18 units
● Certificate	42 units		

Required Courses ○●

Term	Subject	Course Title	Units
Semester I	MICROTK 160	I.T. Essentials Application Software Fundamentals	2
	MICROTK 162	I.T. Essentials Networking Personal Computers	4
	MICROTK 164	I.T. Essentials Microcomputer Theory and Servicing	5
Semester II	MICROTK 077	Cisco Networking Academy	3
	ETNTLGY 252	Networking Cabling Specialist	3
	ETNTLGY 253	Fiber Optics	3
	ETNTLGY 254	Computer Applications for Electronics Technology	3
Semester III	ELECTRN 002	Introduction to Electronics	3
	MICROTK 078	Cisco Networking Academy	3
	PHYSICS 011	Introductory Physics	4
Semester IV	MICROTK 079	Cisco Networking Academy	3
	MICROTK 080	Cisco Networking Academy	3
	MICROTK 165	Linux Survival Course	3

GE Graduation Plan Courses ○

Meet with the ATM Pathway Counselor to select **Guided Choices** sequence of courses or other GE courses

	Units
Guided Choices	~18
Area A: Electronics 002	
Area B1: History 12	
Area C: Humanities 60	
Area D1: English 101	
Area D2: Mathematics 227	

STUDENT SUPPORT

The ATM Pathway Counselor can assist you plan your academic, transfer, and career success while connecting you to essential resources.

Los Angeles Trade Technical College

School of Advanced Transportation & Manufacturing (ATM)

ATMPathway@lattc.edu | www.lattc.edu/ATM | 213.763.7081

400 W. Washington Blvd. | Suite B1-225 | Los Angeles, California 90015



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