

### **CAREER OPTIONS**



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

## ANNUAL SALARY



\$44,000 - \$118,000

# INDUSTRY CERTIFICATIONS



A+ Certification
Cisco Certified Networking Associate
Security Network

Fiber Optics

N+ Certification

# PROFESSIONAL ASSOCIATIONS



Cisco Systems

CompTIA

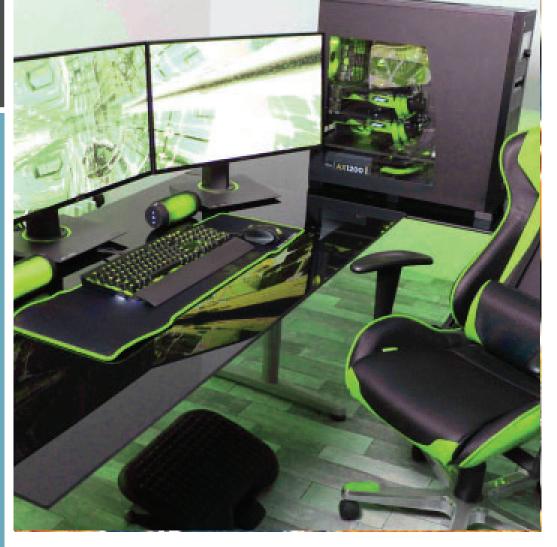
Fiber Optics Association

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.



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

## STUDENT SUPPORT

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



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

### Required Courses O

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 O

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

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