MICROCOMPUTER TECHNICIAN

Pathway: Advanced Transportation & Manufacturing
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Award Title	Academic Plan	Award Type	GE Units	Required Course Units	Major Elective Units	Major Units
Microcomputer Technician	T008473C	A.S.	21*	42	-	42
Microcomputer Technician	T021840D	C		42	-	42

At least 60 degree applicable units are required to earn an Associate degree.
*GE Units requirements may be fulfilled by completing any General Education Pattern; please consult with a counselor for more details.
These programs are Financial Aid Eligible.

PROGRAM OVERVIEW

The Microcomputer Technician program is designed to prepare a technician to install, configure, and add auxiliary equipment for a microcomputer. The technician is also able to load software and suggest programs to answer the needs of individuals and companies. Microcomputer Technicians must be above average in knowledge of mechanical systems. They must also have interest and ability in mathematics to successfully apply the training presented in this program.

The computer industry is expanding due to the continuing drop in the price of computers and the introduction of new models with greater power. The fastest growing segment of this field is the microcomputer segment. The power and speed of these units continue to increase and, at the same time, the price continues to decrease. This has placed the computer within financial reach of many small businesses and individuals. With more systems being manufactured and installed, more technicians are needed. Students can acquire the basic skills and knowledge to earn the Microcomputer Technician Associate in Science Degree / Certificate of Achievement, in the Electronics Department. 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.

PROGRAM LEARNING OUTCOMES (PLOs)

Upon completion of the **Degree/Certificate** program, students are able to:
- Install, configure, and add auxiliary equipment for microcomputers.
- Set up computers to certain specifications.
- Configure and create network systems consisting of a number of computers.

USEFUL LATTC LINKS:

College Catalog, Class Schedule & more: http://www.lattc.edu/academics
Financial Aid Office: http://www.lattc.edu/services/financial-aid
Counseling Services & Support: http://www.lattc.edu/services/support
Advanced Transportation & Manufacturing Pathway: http://www.lattc.edu/ATM

MICROCOMPUTER TECHNICIAN
Associate in Science Degree
Major Units: 42

Requirements for the Associate in Science degree in Microcomputer Technician may be met by completing 42 units of Required Courses with a "C" or better along with General Education units. Information on the General Education unit requirements may be found in the catalog under Graduation Requirements.

REQUIRED COURSES

SEMESTER I		UNITS
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		UNITS
MICROTK 077	Cisco Networking Academy-Semester I	3
ETNTLGY 252	Networking Cabling Specialist	3
ETNTLGY 253	Fiber Optics	3
ETNTLGY 254	Computer Applications for Electronics Technology	3

SEMESTER III		UNITS
ELECTRN 002	Introduction to Electronics	3
MICROTK 078	Cisco Networking Academy - Semester II	3
PHYSICS 011	Introductory Physics	4

SEMESTER IV		UNITS
MICROTK 079	Cisco Networking Academy - Semester III	3
MICROTK 080	Cisco Networking Academy - Semester IV	3
MICROTK 165	Linux Survival Course	3

MICROCOMPUTER TECHNICIAN
Certificate of Achievement
Major Units: 42

A Certificate of Achievement in Microcomputer Technician may be earned by completing 42 units of Required Courses listed under the Associate degree in Microcomputer Technician with a grade of "C" or better in each course.

This Certificate is designed for students who wish to train for employment as a microcomputer technician, but do not wish to transfer to a four year university.

NOTE: Students are required to provide basic hand tools, Transportation Technology uniform and personal safety equipment.

To register: http://college.lattc.edu/student/new-students/register-now/
For additional information consult a LATTC college counselor.

400 W. Washington Blvd.
Los Angeles, CA 90015
www.lattc.edu

LOS ANGELES TRADE–TECH
LATTC
A Community College

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