

CAREER OPTIONS



Cable/Satellite TV Technician
• Telecommunications Technician • Cable Technician
• Radio Communications Technician

ANNUAL SALARY



Entry level to experience

\$50,000 - \$239,000

INDUSTRY CERTIFICATIONS



F.C.C. General Radiotelephone License

PROFESSIONAL ASSOCIATIONS



Association Connecting Electronics Industries(IPC)

Electronics Technicians Association (ETA)

Federal Aviation Administration (FAA)

Federal Communications Commission (FCC)

estimated cost of TOOLS & SUPPLIES



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



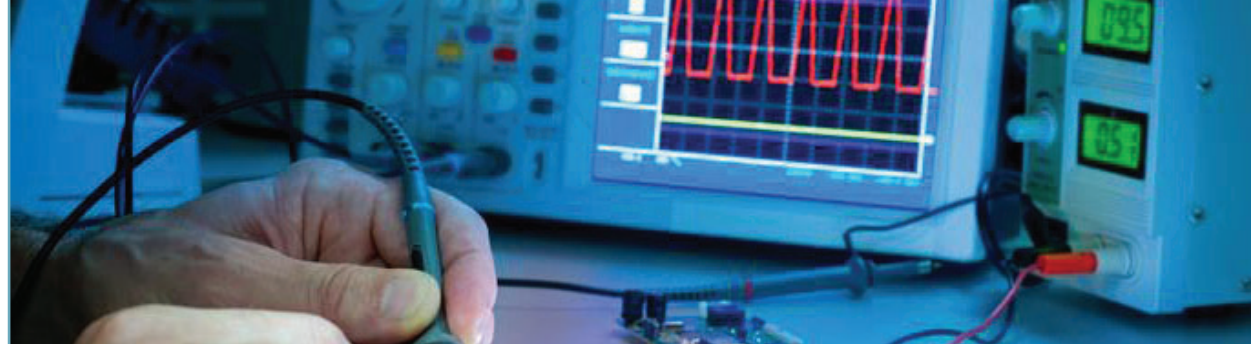
Los Angeles Trade-Technical College

ELECTRONICS COMMUNICATIONS

This program covers, circuit analysis of several complete FM systems. By completing the certificate and/or degree, students will be able to pass the Federal Communications Commission (FCC) Examination. In addition, by fulfilling the program requirements, students are proficient in the operation of AM/FM Transmitters and can trouble shoot AM/ FM Receivers as well as install C Band, K/U Band, and digital satellites systems (DSS). Students will also have an understating of cordless phones, microwave receivers/transmitters, and cell phone systems.



Degree and Certificate



To earn an **Associate in Science degree** students should complete the 45 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 45 units of Required Courses with a "C" or better in each course.

Award	Required Courses	Major Electives	GE Graduation Plan
○ Associate of Science Degree	39 units		~21 units
● Certificate	39 units		

Required Courses ○●

Term	Subject	Course Title	Units
Semester I	ETNTLGY 150	Soldering Surface Mount Technology	3
	ETNTLGY 151	DC Theory and Circuit Fundamentals	3
	ETNTLGY 152	DC Theory and Circuit Fundamentals Lab	2
	ETNTLGY 153	Applied DC Calculations	1
	ETNTLGY 254	Computer Applications for Electronics Technology	3
Semester II	ETNTLGY 154	AC Theory and Circuit Fundamentals	3
	ETNTLGY 155	AC Theory and Circuit Fundamentals Lab	2
	ETNTLGY 156	Applied AC Calculations	1
	ETNTLGY 255	Computer-Based Electronics I	1
Semester III	ETNTLGY 157	Semiconductors Devices and Applications	3
	ETNTLGY 158	Semiconductor Devices and Electronics Lab	3
	ETNTLGY 159	Digital Circuits and Applications	3
	ETNTLGY 160	Digital Circuits and Applications Lab	2
Semester IV	ETNTLGY 161	F.C.C. Radio Operator License	3
	ETNTLGY 162	Introduction to Electronics Communications	3
	ETNTLGY 163	Introduction to Electronics Communications Lab	3

GE Graduation Plan Courses ○

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

Guided Choices	Units
	~21
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)

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