

General Communications Technician



Whether you want to repair 2-way radios, perform complete installations, or service and maintain a 911 emergency system, ETA® International's General Communications Technician certification is industry-recognized and frequently used in worker job selection, hiring processes, pay increases and advancements.



The GCT Level 1 certification is a program modeled after general industry communication systems basics and the U.S. Department of Homeland Security (DHS) guidelines. It covers all of the disciplines in the COMT program. The purpose of the GCT1 is to provide basic certification testing that covers all of the areas a new radio communications technician and/or engineer will encounter in the public safety communications or business/commercial radio field.

The GCT Level 2 and Level 3 certifications cover more specific in-depth descriptions of communications theories, which involve more complex skills and troubleshooting.

The areas of electronics include: Basic Circuits, Radio and Radio Systems, Telephony, Testing, Tools, Power Systems, Antennas & Transmission Lines, Environmental Systems, Data, Fiber Optic Basics, Safety, Security & Access Systems, Satellite Communications Units, System Installation & Wiring Fundamentals, and RF Interference Fundamentals.

In addition, wiring issues such as color codes, connection integrity, and items that communications technicians encounter every day in their job are covered. Standards placed on installations that are new to the certification level are also discussed.

**For a complete list of study materials and competencies, visit the ETA website: www.eta-i.org
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