

Radio Kit with Training Course

The unique design of these kits allows you to place the parts over its corresponding symbol in the schematic drawing on the surface of the printed circuit board during assembly. This technique maximizes the learning process while keeping the chances for an assembly error at a minimum. Both kits include assembly instruction, lesson and theory of operation manual. The actual assembly is broken into simple section. Each section should be completely tested before moving on. This reduces difficult troubleshooting associated with many similar kits. Both include practical hi-tech blue PC boards with the schematic printed on the surface. The manuals are easy to understand, no previous knowledge of electronics is necessary. Both radios require one 9 volt battery.

Only
\$29.95 ea

Educator Discount Price
#E-AMFM-108TK

Training course of 56 pages is divided into 9 lessons; Audio Amplifier, AM Detector, AM IF, AM Amplifier, AM Mixer & Oscillator, FM Detector, 1st FM IF, 2nd FM IF, FM Stages. Integrated circuit technology now included. "Superheterodyne" designed to receive standard AM (amplitude modulation) and FM (frequency modulation) broadcast frequencies. Includes radio mounting stand.

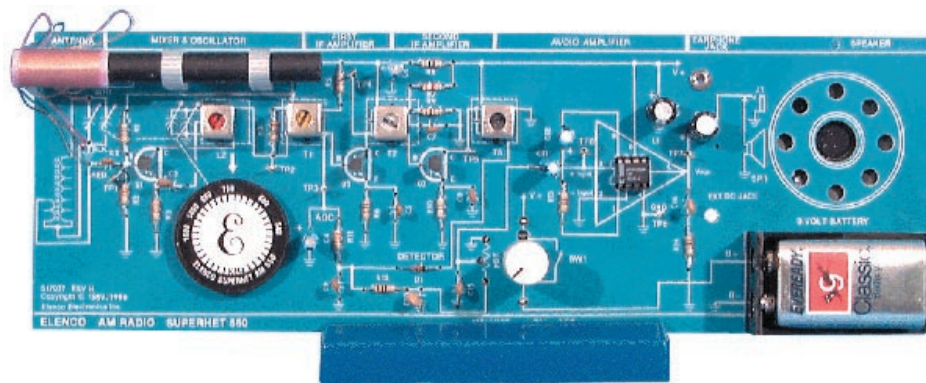
Only
\$29.94 ea

Educator Discount Price
#E-AMFM-108K

Has IC in audio section instead of transistors.

AM Radio Kit / Training Course #E-AM550K

<http://www.gssteched.com/eam550k.html>



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Electronics Training Program

Electronics Technology Certification Program

Gibson Sales Systems electronics Technology Certificate Program (ETCP) was created to train people who want a future in electronics as technicians or engineers. It is the fastest and least expensive way to learn practical electronics theory and hands-on skills to be able to be competitive in the job market today. With its blend of reading assignments, interactive software, videos, pictorials, step-by-step instructions, write-up of each experiment, study guides, fill-in worksheets, hands-on solderless labs and soldering kits it will help give any student the necessary practice and skills toward being certified as an electronics technician.



Earn these Career Certificates and put them on your resume!

ETCP-01 Career Certificate #1

"Basic Electronics Concepts and Components"

The student will acquire knowledge about electronics technology, components, and schematic drawings that will be needed to perform solderless electronics assembly and troubleshooting. They will learn to inventory electronic components, read the resistor color code, decipher capacitor values, and use electronics schematics to build useful devices. Lots of hands-on makes this very exciting to the beginning electronics student.

ETCP-02 Career Certificate #2

"Electronics Circuit Assembly and Schematics"

The student will learn to recognize the important electronic components, their schematic symbols and how to write circuits on a solderless circuit board using only the schematic diagrams. They will build many useful devices including a burglar alarm, electronic organ, audio generator, power supply, automatic night light, and many more.

ETCP-03 Career Certificate #3

"DC Electronics with Multimeter Use"

Your training continues in this course learning the use of Multimeters. Many hands-on experiments will help you learn and remember the basic laws of DC. You will use the multimeter to verify Ohm's Law and Kirchhoff's Laws of voltage and current. After you complete this level, measuring voltage, current, and resistance will be easy. You will have learned to measure continuity to find faulty electronics components and devices.

ETCP-04 Career Certificate #4

"AC Electronics and Solid State Devices"

By building and analyzing a power supply with its transformer (inductor) rectification (diodes) and filtering (capacitors) circuits you will learn the basics of AC electronics. You will be taught the fundamentals of good soldering and get practice doing it.

ETCP-04 Career Certificate #5

"Digital Electronics Circuits and Op Amps"

Digital electronics is the foundation of the computer world. Learn step-by-step the fundamentals of digital logic and devices in use today. Digital devices are packaged in a variety of ways and are divided into special 'families'. Learn about 'clock' circuits, multivibrators, timers, flip-flops, counting circuits, sequence generators, and the binary numbering system. Build memory circuits and learn the theory and use the Operational Amplifiers preparing you for the world of microprocessor circuits and devices.

ETCP-06 Career Certificate #6

"Use of 5 Basic Electronics Test Instruments"

Learn better how to use the multimeters (Digital & Analog), Function Generators, RF Generators and Oscilloscopes. This course is a must for all electronics technicians who want to be the best at their craft. Learn how to calculate voltages, Peak to Peak and RMS. Make accurate measurements and calculations with the oscilloscope.

ETCP-07 Career Certificate #7

"Electronics Troubleshooting and Repair"

Now, after having completed the first 6 courses of the program you are ready to become an expert electronics troubleshooter. Using the stages of a transistorized radio receiver, you will use test equipment to analyze and troubleshoot electronics. You will use hands-on and simulation software. After you complete this level you are ready for a career in the 'real world' of electronics troubleshooting.

ETCP-08 Career Certificate #8

"Robotic Assembly and Programming"

Building instructions for all 8 models included with the RCS-6! This ideal robot construction set allows you to build a totally custom set of robots, one at a time. You control it with your computer (PC). Make it do what ever you want to do; golf, dance, pick things up and place them where you want, even make a cup of hot chocolate for you! Comes with control software, case, parts, PC interface, power supply and Curriculum Binder.

ETCP-09 Career Certificate #9

"Microprocessor Assembly and Programming"

Starting from 'scratch', you build a complete micro computer system. Our course teaches you to write into RAMs, ROMs and to run an Intel 8085 microprocessor. You will learn about input/output ports, computer timers, how to build your own keyboard. Includes a micro computer in a handy carrying case.

ETCP-10 Career Certificate #10

"PLC Logic and Programming"

A PLC is a controller which is pre-programmed to operate machinery. They are everywhere in our high-tech world. To understand and use these devices is a highly paid skill. PLCs are used in robotics, replacing timers, replacing counters, replacing Ladder Logic. You will simulate different processes and then wire devices to perform the real test. This is an amazing automation experience. PLCs control most industrial processes as well as the rides at Disneyland, automated package labeling, rice cake machines, french fry machines, central vacuum systems, fatigues tests on products, coal mining machines, automated storage and retrieval. Operate these PLCs over the internet to control robots and much more.

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