

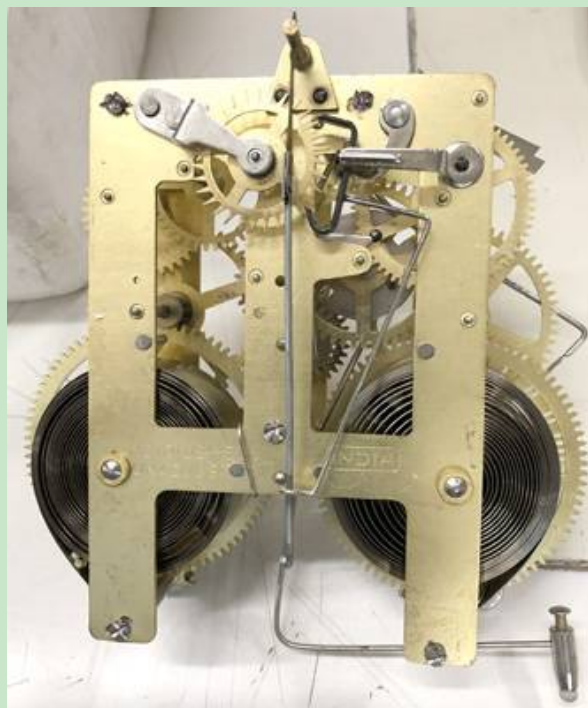


CLASS ANNOUNCEMENT

CR-100
Kitchen Clock Repair
Jan 24-25, 31-Feb 01, 2026

9:00am - 5:00pm

Chapter 124 Training Facility
213 S. Hastings St.
Irving, TX 75060



Registration Fee: \$200 for all 4 Days

Introduction: This four-day workshop covers the Striking clock movement, typically found in antique American kitchen and mantle clocks; namely, the 8-day Count Wheel, time and strike movement with open main springs.

This course is intended for collectors and beginning clock repair enthusiasts who want to do simple repairs to their own clocks.

Prerequisite: None. This is the only class open to both members and non-members who wish to explore the basics of horology.

What you will learn: Basic repair skills, to include disassembly, cleaning, re-assembly, lubrication, and adjustment. In addition, students will be introduced to clock nomenclature, the proper way to let down power on open main springs, re-bushing, pivot polishing, wheel and arbor repair/adjustment, as well as the theory and practice of time train calculations.

What you will need: Students must find and bring one or more American, Open Mainspring, Count Wheel movement(s) to the class.

Your Count Wheel movement(s) must have all parts; including pendulum, main springs, suspension springs, etc. These are routinely available through eBay or in an inexpensive kitchen or mantle clocks for sale at local antique stores.

IMPORTANT: Movements will not be provided. Please bring a movement with potential for repair. No basket cases, please.

Tools: It is recommended that the student bring the following tools to class. Try to bring as many of the non-clock specific tools as possible.

NOTE: The Chapter's tool kits may be used if you prefer.

NON-CLOCK SPECIFIC TOOLS

- Pencil and paper for note taking.
- Lamp to mount or stand on table - You will need light.
- Paper towel roll.
- Box to hold movement and parts - plastic shoebox with cover or similar.
- Pliers, small: flat, smooth-nose, long-nose and diagonal cutters.
- Screwdriver: 6" x 1/8" slotted.
- Tweezer - 6 to 8 inches long.
- Vise, quality 2-1/2" with an anvil is ideal. Palmgren is an excellent brand.
- Wrench: Small adjustable or nut drivers.
- Eye loupe or Opti-visor brand, 2-1/2 power is good - up to 4x max.
- Small Jeweler's Files.
- Hammers: Small ball peen and a small brass head hammer.

CLOCK SPECIFIC TOOLS

- Letdown key set with handle: equivalent to Timesavers #10066.
- Mainspring "C" clamps - 2, preferably flat: equivalent to Timesavers #20082.
- Movement holder: hanging assembly post kit equivalent to Timesavers #13409.
- Pivot locator: equivalent to Timesavers part #20261.
- Quality clock oil: Nye oil or equivalent Timesavers #32145. 2-Ounce bottle is fine.
- Dip oilers: equivalent to Timesavers item #13428.
- Movement Test Stand, if possible - equivalent to Timesavers #19996.

You should decide on the quality of tools you want to purchase. Although higher quality tools are more expensive, they will last longer and perform much better than economy tools. When purchasing higher quality hand tools, look for brand names; such as, Bergeon, Dumont, Swanstrom, Lindstrom, Corradi, Grobet, and Peer-Vigor. Many economy tools are made in China, Pakistan or India. These tools are usually made with soft steel and may not perform well and may actually cause damage.

Again, the Chapter has several kits available for use during class, which contain the clock specific tools and a few other tools and materials you will need to complete the class. So, if you want to try your hand at Clock Repair, before purchasing your own equipment, **you may check out a tool kit**

For questions about course requirements, email the instructor, [Tom Hefner](#) or Text at [817-565-8697](tel:817-565-8697).

Bill Edwards
President
Chapter124, NAWCC

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