

Electronics Merit Badge
April 22, 2017 Merit Badge Weekend

Instructor: Tom Jokerst, Troop 79
937-526-3370

Prerequisites: Pre-approved blue card

Prereq: #6. Find out about three career opportunities in electronics that interest you. Write at least 4 complete sentences about each, explaining to your counselor what each career does, what training and education are needed for each position.

Bring this assignment with you! I will not sign off on less than your best work!

Cost: \$5.00 due to me that day
This is my cost of the kit shown here,
which will be yours to keep.



I can teach two 3-hour classes of (5) scouts
in each.

Choose; 9:00 – Noon or 1:00-4:00

I will accept the first (10) scouts to call me in person!

I will provide all materials, books, etc. You will have the opportunity to earn this merit badge complete in 3 hours!

We will:

- learn to safely solder/desolder and handle electronic circuits
- learn about simple electronic circuits, components (such as resistors, capacitors, and transistors or integrated circuits), diagrams, etc.
- learn about and use breadboards to build simple experimental circuits
- learn about binary language used in electronics
- build an electronic Christmas tree with flashing lights to keep!
- learn about ohm's law
- use a multimeter
- learn about electronics career opportunities

AM Scout	Troop

PM Scout	Troop