

IEEE Chapter Club of Montgomery College
Montgomery Amateur Radio Club

Technician Class License Course

March 28, 2015 to May 2, 2015

Science Center, room SC416

9 AM to 12 Noon

David Bern, W2LNX and friends

education@marcclub.org

course Website

<http://www.marcclub.org/mweb/education/Technician/index.html>

agenda

Announcements and reminders

Lesson 3 – John, K3LO:

- module 4 – Electricity
- module 5 - Ohm's Law, Power, and the Metric System

Break and demonstration – David, W2LNX

Lesson 4 – John, K3LO:

- module 6 - Electronic Components
- module 7 – Types of Radios Circuits

Rockville Science Day

Sunday, April 26, 2015

Noon - 5:00 p.m.

Montgomery College/Rockville Campus
51 Mannakee St., Rockville, MD 20850



Free and open to the public
Hands-on activities
Fun for all ages!

- Environment & Nature
- Space & Astronomy
- Reptiles & Birds
- Chemistry & Biology
- Robotics & Rockets
- And much more!

Food available for purchase
Plenty of free parking
Rain or shine

web: www.rockvillescience.org/rcsday.html
email: scienceday@rockvillescience.org

Organized by:
Rockville
Consortium
for Science

Program of:
Rockville
Science
Center

Supported by:
City of Rockville and
Montgomery College

preparing for the Technician test

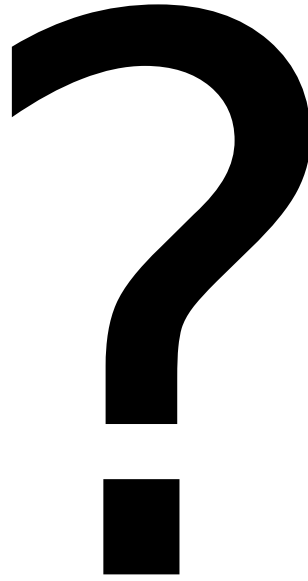
- obtain an FCC Registration Number (FRN)
 - Web page: [FCC Registration](#)
- fill out a [NCVEC QUICK-FORM 605](#)
 - [sample NCVEC form 605](#)
 - email your filled out 605 to education@marcclub.org
- take practice tests – 85% score or better – 30 questions correct
 - [ARRL Exam Review for Ham Radio™](#)

module 4 – Electricity

- HRLM [module 4 – Electricity](#)

☞ John, K3LO – [notes by John, K3LO](#)

Questions

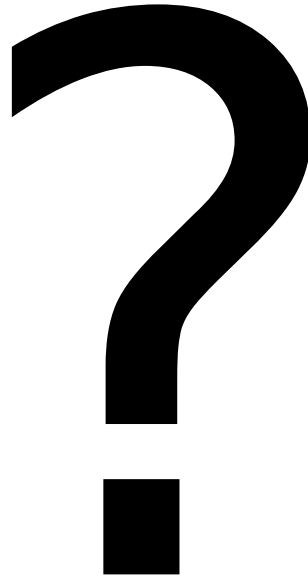


module 5 - Ohm's Law, Power, and the Metric System

- HRLM [module 5 – Ohm's Law, Power and the Metric System](#)

☞ John, K3LO – [notes by John, K3LO](#)

Questions



Break and demonstration

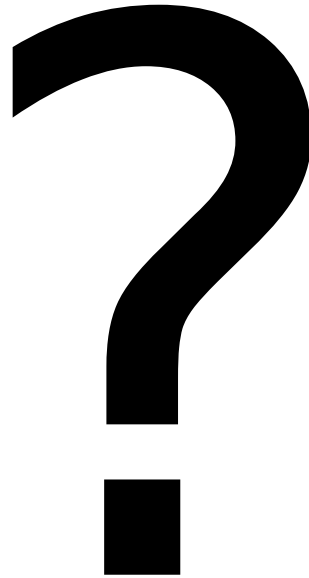
- ☞ demonstrate narrow-band digital communications using
 - Baofeng UV-B5 HT
 - Kenwood TH-D7A HT
 - Signalink™ USB sound interface
 - home-brew USB sound interface
 - two Windows 7 10 inch netbook computers
 - *fldigi* and *flmsg* software sending a message using MT63-2000L

module 6 - Electronic Components

- HRLM [module 6 – Electronic Components](#)

- ☞ John, K3LO – [notes by John, K3LO](#)

Questions

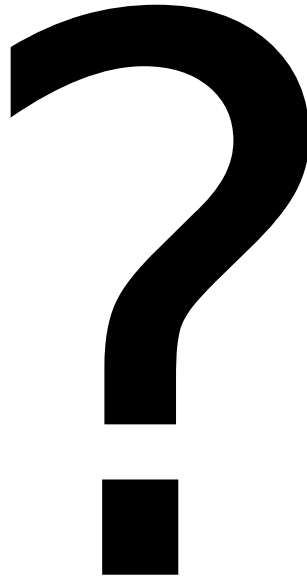


module 7 – Types of Radios and Radio Circuits

- [HRLM module 7 – Types of Radio Circuits](#)

- ☞ John, K3LO – [notes by John, K3LO](#)

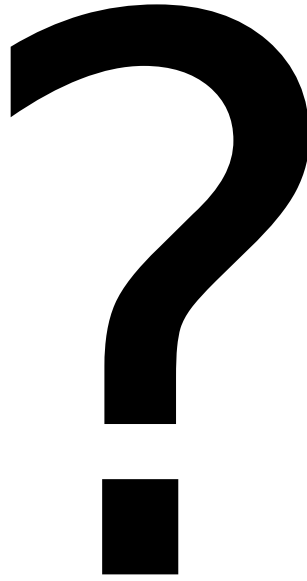
Questions



Homework

- Homework: obtain your FRN and email your 605 form to education@marcclub.org
- read pages for session 3 in HRLM for modules 18, 13 and 13
- take a practice test at [ARRL Exam Review for Ham Radio™](#)

Questions



education@marcclub.org

