

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

- collecting Form 605

Lesson 5 – Tom, W3TDH:

- module 18 – Safety and Amateur Radio

Break and demonstration – David, W2LNX

Lesson 6 – Tom, W3TDH:

- module 13 – Communicating with Other Hams – Part 1
- module 14 – Communicating with Other Hams – Part 2

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

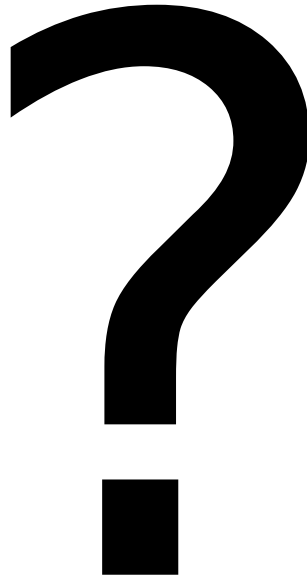
- obtain an FCC Registration Number (FRN)
 - Web page: [FCC Registration](#)
- fill out a blank form [NCVEC QUICK-FORM 605](#) with your FRN
 - [sample NCVEC form 605](#)
 - email your filled out 605 to
education@marcclub.org
- take practice tests – 85% score or better – 30 questions correct
 - [ARRL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

Safety and Amateur Radio

HRLM [module 18 – Safety and Amateur Radio](#)

- Table 1 of [FCC RF-Exposure Regulations -- the Station Evaluation](#)
- note the operating duty cycle
- I use less 50 watts or less on all bands

questions



break and demonstration

☞ demonstrate sending email to the Internet using Winlink over packet radio

- Kenwood TH-D7A handie-talkie
- netbook
- antenna

Winlink packet gateway:

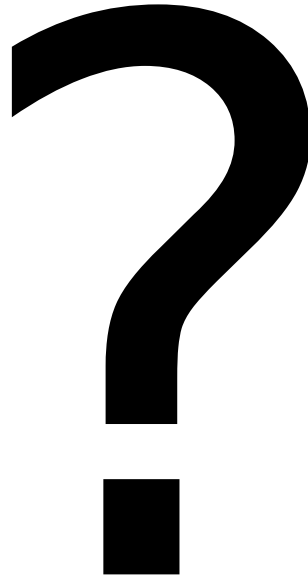
- station: WA3SWJ-10
- frequency: 145.750 MHz

Communicating with Other Hams – Part 1

HRLM module 13 – Communicating with Other Hams – Part 1

- Montgomery Amateur Radio Club (MARC) repeater system
- ARRL band plan
- The Mid-Atlantic Repeater Council (T-MARC) Frequency Lists
- International Telecommunication Union (ITU) Phonetic Alphabet

Questions



Communicating with Other Hams – Part 2

- 👉 HRLM [module 14 – Communicating with Other Hams – Part 2](#)
 - [Radio Amateur Satellite Corporation \(AMSAT-NA\)](#)

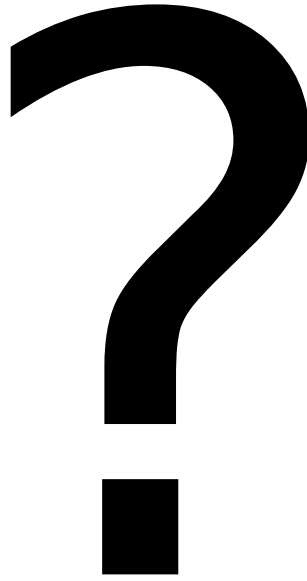
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- [resources](#)

homework

- homework: obtain your FRN and email your 605 form to education@marcclub.org
- read pages for session 4 in HRLM for modules 11 and 12
- take a practice test at [ARRL Exam Review for Ham Radio™](#)

questions



education@marcclub.org

