

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](mailto:education@marcclub.org)

## course Website

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

# agenda

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Announcements and reminders

Lesson 9 – Glenn, N3COB:

- module 8 – Propagation
- module 9 – Antennas and Feed Lines

Break and demonstration – David, W2LNX

Lesson 10 – Glenn, N3COB

- module 10 – Practical Antenna Systems

# 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!

web: [www.rockvillescience.org/rcsday.html](http://www.rockvillescience.org/rcsday.html)  
email: [scienceday@rockvillescience.org](mailto:scienceday@rockvillescience.org)

Organized by:  
Rockville  
Consortium  
for Science

Program of:  
Rockville  
Science  
Center

Supported by:  
City of Rockville and  
Montgomery College

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

Food available for purchase  
Plenty of free parking  
Rain or shine



MARC will be outside the front door of the large gym

## preparing for the Technician test

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- need to obtain an FCC Registration Number (FRN)
  - Web page: [FCC Registration](#)
- fill out form [NCVEC QUICK-FORM 605](#) with your FRN
  - [Adobe Acrobat Reader](#) allows doing a **Save As...**
  - [sample NCVEC form 605](#)
- take practice tests – 85% score or better – 30 questions correct
  - [ARRL Exam Review for Ham Radio™](#)
- [resources](#)

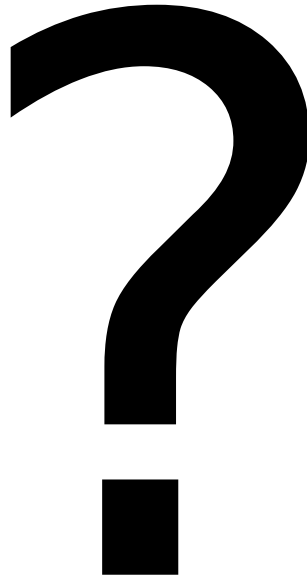
# module 8 – Propagation

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 [module 8 – Propagation](#)

# questions

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# module 9 – Antennas and Feed Lines

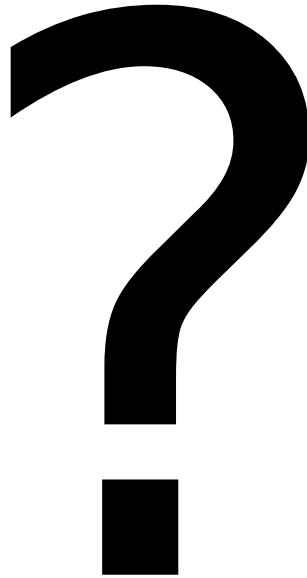
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 [module 9 – Antennas and Feed Lines](#)



# Questions

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## Break and demonstration

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☞ demonstrate Automatic Packet Reporting System (APRS)

- Kenwood TH-D7A handie-talkie
- GPS receiver

# module 10 – Practical Antenna Systems

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## module 10 – Practical Antenna Systems

- What is a decibel?

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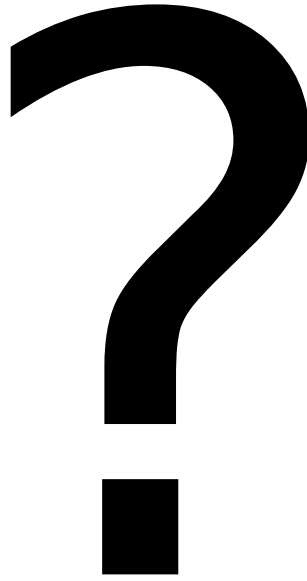
# Homework

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- homework: obtain your FRN and email your 605 form to [education@marcclub.org](mailto:education@marcclub.org)
- read pages for session 6 in HRLM for modules 15, 16 and 17
- take a practice test at [ARRL Exam Review for Ham Radio™](#)

# Questions

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[education@marcclub.org](mailto:education@marcclub.org)

