

# Electronics Workshop - February 22, 2018

## Time & Location:

7:00 PM

Fire District 6 Training Room, 2123 Jackson Highway, Chehalis, WA

## Topics:

1. Basic: See references 1 through 5 about inductors and magnetic permeability.
2. Stretch: —
3. New: "Decibels, dBm, and dBW," Loren Moline
4. Sharing: Triplexer and Bandpass Filter construction.

## Notes:

## Reference:

Inductors and Magnetic Permeability:

1. <https://www.allaboutcircuits.com/textbook/direct-current/chpt-15/factors-affecting-inductance/>
2. <https://www.allaboutcircuits.com/textbook/direct-current/chpt-15/practical-considerations-inductors/>
3. <https://www.allaboutcircuits.com/textbook/direct-current/chpt-14/permeability-and-saturation/>
4. [https://en.wikipedia.org/wiki/Permeability\\_\(electromagnetism\)](https://en.wikipedia.org/wiki/Permeability_(electromagnetism))
5. [https://www.nde-ed.org/EducationResources/CommunityCollege/Materials/Physical\\_Chemical/Permeability.htm](https://www.nde-ed.org/EducationResources/CommunityCollege/Materials/Physical_Chemical/Permeability.htm)

Decibels, dBm, and dBW:

1. <https://en.wikipedia.org/wiki/Decibel>
2. <https://en.wikipedia.org/wiki/Dbm>
3. [https://en.wikipedia.org/wiki/Decibel\\_watt](https://en.wikipedia.org/wiki/Decibel_watt)