

# Ham Radio Classes Forming Now!

The Muskegon Area Amateur Radio Council will be holding a 6 week course where you can learn everything you need to earn your Technician (entry level) FCC Amateur Radio License.

**The Technician license is your gateway to the world-wide excitement of Amateur Radio ...**

**... and now you do NOT need to learn Morse code!**

**Classes begin on February 16, 2010 at  
7PM at WayPoint Academy, 2900  
Apple Ave., Muskegon, MI**

*Registration is requested but not necessary.*

Cost is \$20 for the ARRL License Manual for those that desire to have a text book reference

To join, contact:

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231 744-4485 or [n8yjt@arrl.net](mailto:n8yjt@arrl.net)

**ARRL** The national association for  
**AMATEUR RADIO**

## **TECH CLASS SYLLABUS**

### **Week 1**

**Introduction (1 hour)**

**Lesson 1: Equipment Definitions, Electricity (1 hour)**

### **Week 2**

**Lesson 2: Components and Units (1 hour)**

**Lesson 3: Signals and Waves (1 hour)**

### **Week 3**

**Lesson 4: Antennas and Feed Lines (1 hour)**

**Lesson 5: Propagation (1 hour)**

### **Week 4**

**Lesson 6: Transmitters and Receivers (1 hour)**

**Lesson 7: Station Fundamentals (1 hour)**

### **Week 5**

**Lesson 8: RF Interference (1 hour)**

**Lesson 9: Contact Basics, Band Plans, Making a Contact (1 hour)**

### **Week 6**

**Lesson 10: Nets and Emergency Operating (1/2 hour)**

**Lesson 11: Special Modes and Techniques (1/2 hour)**

**Lesson 12: Licensing Terms, Working with the FCC, Bands and Privileges, International Rules, Call Signs (1/2 hour)**

**Lesson 13: Control Operators, Identification, Interference, Third Party Communications, Automatic and Remote Operation, and Prohibited Transmissions (1/2 hour)**

**Lesson 14: Electrical Safety, RF Exposure, Mechanical (1/2 hour)**