

TECHNICIAN AMATEUR RADIO LICENSE CLASSES SPRING 2010

Starting Saturday, February 20th, 10:00AM to 1:00PM at Mesa Community College (Southern & Dobson in Mesa), room (TBD)

Based on the Technician License question pool as of July 1st, 2006

Instructor: Bob Burleson, KG7QJ

Saturdays Feb. 20th - Apr. 10th 10:00am to 1:00pm

Six 3-hour sessions MCC Fee \$31**

Amateur License test at MCC Saturday, April 10th

To register call MCC Community Education at
480-461-7493 -- Class Number 61164

**Required text "Ham Radio License Manual" (1st edition, third printing), will be available from the instructors at the first class for \$20. The fee for the FCC Amateur License test is \$15 and can be paid by cash or check at the VE Test session April 10th.

HF/VHF/UHF

SIGN UP TODAY for the MCC Technician license classes. Earn your Amateur Radio license in just 6 weeks. The classes are planned to prepare you for the FCC Amateur Radio Technician license. Class material is based on the ARRL book "Ham Radio License Manual" (1st edition) containing the new Technician license question pools as of July 1st, 2006. **No Morse Code is required.**

"Hams" with the Technician FCC Amateur Radio license have

privileges on all Amateur frequencies above 50 MHz.

Technician frequency privileges have changed as of February 2007 to include SSB operating modes on the 10 meter band, and CW on the 15, 40, and 80 meter HF bands. On UHF and VHF you can operate FM voice, Amateur TV, Packet, Satellite, IRLP, and many other modes.

One of the more popular is FM voice operation on the 2 Meter VHF and 70-cm UHF bands.

Technician licensees can help their communities by assisting in Public Service events, search and rescue, and as communication links in times of disaster.

The **No-Code Technician amateur radio license testing session** will be **Saturday, April 10th** at MCC. Other testing opportunities will be announced. If you are interested in getting an Amateur Radio license or getting back into Amateur Radio, contact MCC Community Education at 480-461-7493 or 461-7494.

See Class Outline on Back.

The Maricopa County Community College District is an EEO/AA institution



1/18/2010



Technician Amateur Radio Class Outline

Spring 2010

For more information contact Bob Burleson, KG7QJ, at 480-961-1109 or e-mail at kg7qj@arrl.net

Class #1 2/20/2010

Introduction to Amateur Radio, Radio Frequency Spectrum and Licensing, Operating and FCC Regulations.

Class #2 2/27/2010

Operating Practices, HF/VHF/UHF Operation, Repeaters, 2 Meter Operation and Equipment. Emergency and Public Service communications

Class #3 3/6/2010

Metric system, Electric Principles & Basic Electricity, Ohm's Law, Series & Parallel Circuits, Using Test Equipment

Class #4 3/13/2010

FCC Rules and Regulations, Control Operator, Station License. Safety in the Ham Shack, Electrical Wiring Safety, Station Layout for Safety, Common Technical Problems, RF safety.

MCC Spring Break 3/20/2010 -No Class

Class #5 3/27/2010

Radio Modulation, Bandwidth, Emissions (CW, SSB, AM, FM, RTTY, etc.), HF Bands & 10 Meters.

Class #6 4/3/2010

Intro to RF Propagation, Types of Radio Propagation, Antennas, Feed Lines, Wave Polarization, Dipole, Vertical and Beam Antennas, Antenna Measurements

VE Test Session 4/10/2010

Amateur License Testing Session at MCC. Room to be announced.

Amateur License Exam Info:

West Valley ARC:	David, N7TWT	n7tw@cox.net	-
AZ DESERT 10-X INT'L:	Steve, KY7W	kj7wk@cox.net	480-643-0033
Arizona ARC:	George, KQ7C	602-274-6212	

Other Classes available:

Thunderbird ARC (North Phx): Contact Jack, KD7RCJ at 602-242-2411

Technician Class in Mesa:

Mesa Fire Station # 202 Community Room / East side of building
Contact Larry Randall KA7UIH 480-655-9473 or ka7uih@excite.com

ARRL Amateur Radio Class search: <http://www.arrl.org/FandES/courses/>