

getting technical

Technical information for the web and the satellite broadcast

WEB TECHNICAL REQUIREMENTS

If you are planning to view the video portion of the workshop or course on your computer, make sure you have access to a broadband connection to the Internet—i.e., a DSL connection, a cable modem, or a LAN connection to a T1 line (or greater). You will not be able to view the programming with a “dial-up” connection (any phone line connection to the Internet). The following are your viewing options:

1. The satellite broadcast is simulcast on our Web site. Reference the Channel schedule for start times of programs. (http://www.learner.org/channel/chnnl_schedule.html)
2. You may access the online simulcast of the satellite broadcast or the programs through Video on Demand (VoD). This requires a broadband connection to the Internet: i.e., a DSL connection, a cable modem, or a LAN connection to a T1 line (or greater).

SATELLITE BROADCAST TECHNICAL REQUIREMENTS

If you are planning to access the video programming with your school or district’s satellite dish, be sure that 1) the dish meets the technical specifications listed below, and 2) your school or district is both “Authorized” and “Licensed” to receive the Channel. Check with your instructional technology department.

equipment required

- A Ku-band satellite downlink with a Digital Satellite Receiver (DSR) is required.
- Only the following DSR models are compatible: General Instruments or NextLevel Systems DigiCipher II DSR-4000, 4001, 4200, 4200B, 4200C, 4200V, 4402X, 5200, 406.
- *Note that a 4DTV DigiCipher will not receive our SCPC-mode feed.*

satellite information

- GE-3 Satellite, Located at 87 degrees WL
- Ku-band transponder 23 (horizontal polarity)
- Satellite frequency: 12150.75 MHz
- L-band frequency: 1400.75 MHz
- DigiCipher II IRD, Channel 514
- Virtual Channel Map #15
- SCPC Mode

authorization

Authorization is a technical procedure that makes it possible for your Digital Satellite Receiver (DSR) to receive our free digital satellite signal. This step is only required the *first time* you downlink the signal.

To authorize your DSR to receive our satellite feed, call us at 1-800-228-8030 x4, or send an email to **channel@learner.org** with the serial number and unit address number *at least two weeks before* the start of the workshop or course. We recommend that you also test your reception *prior to the first session*.

licensing

Licensing is required to record, rebroadcast, or duplicate Annenberg/CPB Channel workshops or courses. There is no cost involved. Licenses may be printed from the Web site at www.learner.org/channel/licenses/license.html. Program schedules and information about upcoming workshops are sent to all licensees.

NEED HELP?

technical help

If you have any questions or need clarification call, 1-800-228-8030 x4.

emergencies

If, after contacting us to authorize your receiver and following the tuning instructions, you still cannot receive the Channel, please call our Technical Help service at 1-800-228-8030 x5.

If you miss a feed, please consult the Channel's schedule for rebroadcasts at www.learner.org/channel/chnnl_schedule.html. If you are unable to access the Channel's signal, tapes of workshops and courses will be available for sale by calling 1-800-LEARNER or online at <http://www.learner.org/catalog/catalog.html>.