

Videoconferencing System Requirements

What is videoconferencing?

Videoconferencing (also known as distance learning) uses technology to connect people at two or more locations so they can see and hear each other simultaneously. Connections can be made from classrooms within in the same building or to the other side of the world.

At first glance, videoconferencing may appear similar to Skype or iChat, however, the quality of the experience is much higher and specific equipment is required to make this type of connection possible. Videoconferencing systems can be small, remote-controlled devices that sit on top of a television. These have a built-in camera and microphone. They can also use software installed on a desktop computer or mobile device (see an example in the photo below).

What equipment will I need to conduct a successful videoconference program?

1. Codec (ie. Cisco/Tandberg, Polycom and LifeSize)

Codec



1. Projector and screen, computer monitor or television (video output)
2. Video Camera or Webcam (video input)
3. Microphone(s) (audio input)
4. Loudspeakers (audio output)
5. Internet
6. Computer (a data processing unit that ties together the other components, does the compressing and decompressing, and initiates and maintains the data linkage via the network)

Starting a videoconference is similar to making a telephone call. Once connected, the two sites can collaborate by sharing documents, slides, video, white boards and more.

Technical Details and Support

- We use a **Cisco/Tandberg C-20 system** with IP address **50.33.6.10**
- We have ISDN (H.320), IP (H.323) or E164 connection capability
- A minimum of symmetrical speeds of 384K Kbps or higher are required
- Point-to-point and multi-point connections are available
- You are welcome to call up to 10 minutes prior to the start of your test connection or program
- No videotaping is permitted
- If you are having technical difficulty connecting to our videoconferencing studio, you may reach us at 218-365-4695, ext. 35 or wolflink@wolf.org. At all other times, you may reach Tara Johnson at 218-365-4695, ext. 33.