

## Technical Infrastructure for GETT Connections

### In use by El Camino:

1. IP for call-in = 198.188.6.235
  - a. type = fixed (*note*: IP may change across semesters but will always be fixed; please email [eshadish@elcamino.edu](mailto:eshadish@elcamino.edu) or [bmorton@elcamino.edu](mailto:bmorton@elcamino.edu) for information about the most current IP information)
2. Video camera:
  - a. Model/type: Polycom
  - b. H 323 compliant

*Note on video cameras*: we can work with other cameras, such as xxx. We have even used commercial carriers such as MSN for class connections, although the latter provide a screen size and resolution that is not ideal for the classroom setting.

3. Chat – we currently use a university-supported server using mIRC, in the interests of student privacy and class focus. We can work with other chat protocols.

### Needed by partners

*Crucial Infrastructure* – this requires high-level institutional support; without it, the connection will fail.

1. broadband adequate to sustain video connection at 256 kb (for a full class experience, although audio will be adequate with lower settings. )
2. a way to get through or bypass the firewall, *both* in and out for videoconferencing, mask/gateway?

*Essential Infrastructure* – video equipment that is obviously required, but is often already present on a university campus; technical help that is also often the difference between success and frustration

3. some kind of projection device
  - a. projector and screen, hooked up to or through the computer, *or*
  - b. a TV if camera can be directly hooked up to the camera/computer

(we have worked with a laptop screen, around which students sat, but this is not ideal for the classroom setting. On the other hand, either a. or b. works very well in the classroom)

4. a technician to support setup and any problems during activities, especially in the initial stages of establishing the connection
5. video/computer accessories as necessary – external microphone, speakers; extension cables for computer and peripheral devices

(most of our partners have used microphones that we have simply passed around to people as they spoke. Anything better is great.)

*Ideal Infrastructure* – you can live without this, but the classroom experience will be much better with it.

6. two computers – one for supporting the video connection itself, and another for “chat” communication between instructors or technicians to support/troubleshoot the video connection.

Again, this is more important in the initial stages of the connections. We’ve even used phones to get through some initial connection problems.

7. adequate amount and source of light in classroom