edTPA video camera handout

The tripod

1) To connect the camera to the tripod, you have to unlatch the foot and take out the “foot.”

2) Screw the foot into the bottom of the camera with the other nub lining up with the second hole on the bottom of the camera.

3) Re-attach the foot to the tripod.

IMPORTANT NOTE: To reserve a camera and tripod, email the library (circulation@stmartin.edu) as early as possible! The cameras get used a lot.

Smaller mounts, called Gorilla Pods, are available if needed.
The camera

- Zoom control
- Record button
- Battery
- Power cord input
- Power cord
The camera

- Lens cover switch
- Internal microphone (In most cases, this will be sufficient)
- Shoe screw slot and “nub” hole
- Battery release (If necessary)

Kits include a USB cord in case the computer you use does not have a card reader.

A small number of 32 GB SD cards are available for checkout.
The camera

Power button—usually simply opening the view screen will turn the power on.

Play mode/record mode toggle—the view screen will indicate which mode you are in.

Open view screen

SD Card slot

USB cable port

— usually simply opening the view screen will turn the power on.

Play mode/record mode toggle—the view screen will indicate which mode you are in.
Adjust settings from from the view screen

1) Touch the home button

2) Touch the Recording Setup button

3) Record set up screen:
You will need to check the formatting, the quality, and the recording media
Adjust settings from from the view screen

4) Set the movie format to MP4—AVCHDis a hi def format and will create very large files that will exceed the edTPA file size.

5) Set the video quality to 17Mbps—this will keep the file size more manageable.

6) Set the recording media for movies to memory card.
Adjust settings from from the view screen

7) Return to the menu and select Main Functions

8) Select Audio

9) Select Standard—this will yield a flatter sound profile which will work best for this video situation.

10) Close menu to start shooting video
Video file formats

Below is a snippet on the recommended video file formats:

### Acceptable File Formats
Video recordings may be submitted in the following file formats:
- flv, asf, qt, mov, mpg, mpeg, avi, wmv, mp4, m4v

### Recommended File Formats
Please refer to your video camera’s user manual or specifications to determine the video format recording options.

Use of a digital camera or video camera that supports the following is recommended:

<table>
<thead>
<tr>
<th>Video File Type</th>
<th>Common File Extensions</th>
<th>Video Codecs</th>
<th>Media Player Support</th>
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<tbody>
<tr>
<td>AVI – Audio Visual Interleave</td>
<td>.avi</td>
<td>wide variety; DivX, MJPEG are common</td>
<td>Supported by variety of media players including Windows Media Player</td>
</tr>
<tr>
<td>QuickTime Content</td>
<td>.qt, .mov</td>
<td>H.264</td>
<td>QuickTime</td>
</tr>
<tr>
<td>MPEG-4</td>
<td>.mp4</td>
<td>MPEG-4 AVC/H.264 or MPEG-4 ASP</td>
<td>QuickTime, Windows Media Player</td>
</tr>
<tr>
<td>WMV – Windows Media Video</td>
<td>.wmv</td>
<td>WMV</td>
<td>Windows Media Player</td>
</tr>
</tbody>
</table>

* These video formats are supported by a number of media players. Only the more common players are listed here for reference.

If you use Windows MovieMaker, the default file type will be .wmv; if you use Apple iMovie, the default file type will be either .mov or .mp4 depending on the version. The upshot is simply use the default formats of either program.

- Here is a link to a tutorial on iMovie: http://desktopvideo.about.com/od/imovievideotutorials/iMovie_Video_Tutorials_Learn_How_to_Use_iMovie_From_Video_Tutorials.htm

If you still have questions, contact the education liaison librarian for help preparing your video.