

### **Course Outcomes**

- A. Import digital footage onto the computer and know how to import analog footage.
- B. Organize the video project: raw footage locations, make bins, folders, projects.
- C. Use the timeline to place and rearrange footage and add transitions, audio, and titles.
- D. Manipulate audio for proper and pleasant listening.
- E. Understand different methods of rendering and how to work with them.
- F. Output the final video from the computer to tape.
- G. Know what hardware is required to edit on a computer and how and where to obtain it.

### **Computer Editing**

- 1) Importing footage
  - a) Digital footage
  - b) Analog footage
- 2) Software Organization: projects, bins, programs, folders, etc.
- 3) Timeline basics
  - a) Transitions
  - b) Audio
  - c) Titles
- 4) Audio
- 5) Rendering
- 6) Outputting to tape
- 7) Consumer editing software
  - a) Computer hardware
    - i) 1 min = 216 mb, 1 Gb = 4:38 min
    - ii) RAM and reasons
    - iii) Taxes PCs
  - b) How to research
  - c) Where to research

### **Introduction**

Students, note the course outcomes and determine where you are now.

What do you specifically want to know?

(depending on needs, I may discuss computer hardware first rather than last)

Concept: taking raw footage and culling down to only useable footage.

Used to be accomplished...

Computer editing also called non-linear editing, not in a line, typewriter to word processor.

### **Importing footage**

#### **Digital footage**

Transferring, not digitizing.

#### **Analog footage**

Must digitize.

Mr. Hummel's preferred method:

- pre-edit footage
- good backup and archiving
- saves hardware troubleshooting

Be aware of where your footage is imported to.

**Software Organization: projects, bins, programs, folders, etc.**

Raw footage should be separate project to project for dumping safety.

Need to dump often as video takes up a lot of space.

Some software will allow you to make separate bins for different types of footage.

Some software will allow you to make separate timelines for different videos.

**Timeline basics**

Timeline, sequence, etc.

How to zoom and move around.

Tools to use on the timeline

**Transitions**

**Audio**

**Titles**

**Audio**

Voice-over

Voice-under

Music from CD

Levels (last quality to distinguish from pro to amateur)

**Rendering**

Why rendering.

Different ways to render and how to work with them.

**Outputting to tape**

Backup occasionally

**Consumer editing software**

**Computer hardware**

**1 min = 216 mb, 1 Gb = 4:38 min**

**RAM and reasons**

**Taxes PCs**

Troubleshooting can be difficult. See user from Amazon comment

**How to research**

**Where to research**

## Resources

[http://www.camcorderinfo.com/dv/desktop\\_faq\\_EM.htm](http://www.camcorderinfo.com/dv/desktop_faq_EM.htm)

## Videomaker

### Review of Pinnacle's Editing Software from Amazon.com user

I saw over 100 consumer reviews ... praising this product and an equal number saying that it is hopelessly buggy or simply does not work. I am a moderately experienced PC user who bought and installed Studio Deluxe version 8.25.21 in June, 2003. This product is beautifully designed and rich in features, for a consumer video product. I found a number of blatant and frustrating bugs, but in the end was able to create a beautiful 30 minute video.

Here is what I recommend:

1. Go to the Pinnaclesys.com site and spend at least 20 minutes going through their forum postings. Notice that the forum is nicely designed and very active. Notice that there are hundreds of very frustrated users who have spent weeks or even months getting Pinnacle to work the way it's supposed to. Notice that many of the threads have almost no helpful info from Pinnacle staff and are sprinkled with comments like "Hello, Pinnacle... anybody home?" or sad accounts of trying to get phone support. Users list the things they've tried, and eventually somebody comes up with a solution or work-around. Do not buy this product unless you are willing to troubleshoot your problems with other users on the Pinnacle forum and try 7 things before finding the thing that solves your problem.
2. If you make the plunge, buy it from a local retailer with a 14 day return policy (or better) and get right to work.
3. Install this on a late model computer running XP. Follow all their install recommendations (and those on the forum) to the letter, including adding a 2nd hard drive. My PC was a ... Dell 2350, but it was very up-to-date, and it was adequate.
4. If you are working to a deadline, leave lots of time for problem solving and refining your work. No matter what software you use, you will spend a crazy amount of time polishing your video.
5. Complete a small project before starting a large project. You may lose your work and have to start over, or find that you are unable to output your work to DVD.
6. There are bugs in this software, but keep your cool, and don't blame everything on Pinnacle. In my case, 1/3 of the problems were operator error, and 1/3 of the problems were due to a bad DVD burner.
7. If you can, wait 6-18 months. The whole video editing/ DVD burner situation may be ready for prime time by then.