

# CGEA Technology Session

## Changing Learning Environment Through Technology



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# Technology Description

- Camtasia
- Lecture Recording Tools
  - Software, TabletPC, good quality wireless mic system
- Lecture Formats
  - Live lectures, pre-recorded lectures
- Delivery Channels
  - Streaming, download (zip), iPod, PDA, CD, DVD
- Support
  - Online lecture help guide, email tech support, audio/video on-site support, training



# Problems Being Addressed

- Greater flexibility of content delivery – facilitates student's learning styles
- Access to content anytime/anywhere
- Curriculum consistency across communities campuses - traveling time & geographic barriers removed
- Ability to watch recorded lecture in advance – more time for in-depth discussion in classroom



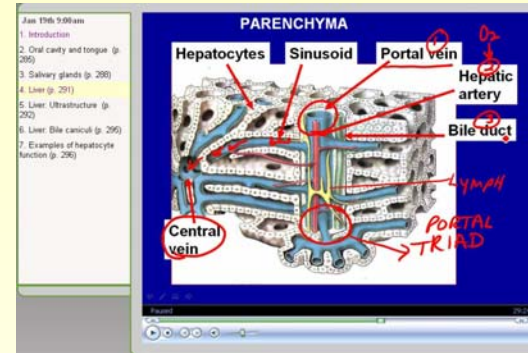
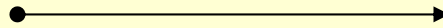
# Decision Points

- ❑ Other systems- Breeze, Mediasite Live
- ❑ Editing vs. not editing lectures
- ❑ Flash vs. Windows media streaming

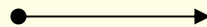


# Demo

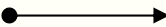
□ TabletPC



□ Video iPod



□ PDA





# Problems Encountered/ Lessons Learned

- Faculty resistance to change/adopt new technology – identify and work with faculty who are early adopters of technology
- Understand student needs – conduct surveys, focus groups
- Implement system changes based on data collected
- Layout a support network for faculty and students- provide training, demo processes, where to go for help



# Problems Encountered/ Lessons Learned

- Lecture Delivery timeline – built-in some breathing room
- Audio quality is key – Field test systems, select best system.
- Establish communication early- Block director, course director and administrative assistants



# Future Plans

- Online repository of digital lectures- All blocks
- Continue pilot study on PDA and IPOD lectures
- Development of *m-Learning Library* – (physical exams maneuvers, EKG readings, medical interviews, etc)
- Expanding training and delivery of portable recording units in community campuses
- Continue research and analysis of technology-impact on curriculum, assist with strategic planning for EdTech



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