



ADVICE

Audio Visual ClassTech Education

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ADVICE: What is AV?

● Audio

- To hear, listen to

● Video

- To see, understand, or comprehend



ADVICE: What is AV?

● It is...

- Projectors and plasma screens
- Microphones and surround sound
- TIVO and DVR
- VCR and DVD players
- Control systems
- Computers
- Digital Cameras and Camcorders



ADVICE: What is AV?

● It is ALSO...

● Lights

● Acoustics

● Furniture

● Windows

● Floors

● Ceilings

● AC, Doors, Power, Data, Paint...



ADVICE: What is AV?

- Good AV is...
 - Proper technology implementation in a well designed environment based on the WANTS of the client



ADVICE: What is AV?

- Not so good AV is...
 - Improper technology
 - Poor implementation
 - Poorly designed environment
 - Not based on user's WANTS



ADVICE: First 6 sessions

- AV Hits Your Home (October 17)
 - Introduction to Topics and Concepts
- What Are You Looking At? (October 31)
 - Projection Screens and Display Integration
- Acronym Fun with Display Technologies (November 14)
 - CRT, LCD, DLP, LCOS (D-ILA), Plasma
- Control System Flavors (December 5)
 - What do they do and which one should I choose?
- Can You Hear Me (Now)? (January '06)
 - Fundamentals of Audio
- Playing with Signals (February '06)
 - Interfacing, Conversion, and Routing



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AV Hits Your Home

Introduction to Topics and Concepts

- Identify the “WANTS”



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- Identify the “WANTS”
- Prioritize the “WANTS”



AV Hits Your Home

Introduction to Topics and Concepts

- Identify the “WANTS”
- Prioritize the “WANTS”
- Identify a budget



AV Hits Your Home

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- Identify the “WANTS”
- Prioritize the “WANTS”
- Identify a budget
- Develop a plan



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- Compromise



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- Develop a plan
- Compromise
- Agree on a plan



AV Hits Your Home

Introduction to Topics and Concepts

- Identify the “WANTS”
- Prioritize the “WANTS”
- Identify a budget
- Develop a plan
- Compromise
- Agree on a plan
- Implement the plan



Goals

- Identify concepts
- Create a needs analysis
- Recognize issues
- Develop a plan



Rules

- Unlimited Budget
- Blank Sheet of Paper
- BE CREATIVE!!!



Play Consultant

The Perfect Den

- Can I get two volunteers?
- What do you WANT in your den?



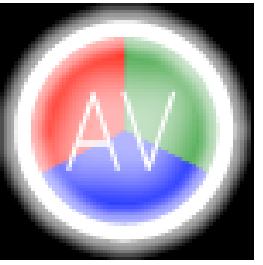
Identify the “WANTS”

- Activities you WANT to occur in your den
 - Non-Technical
 - Sit
 - Talk
 - Read
 - Sleep
 - Eat
 - Technical
 - Watch movies
 - Watch TV
 - Listen to music
 - Record shows
 - Play video games
 - Catch up on email
 - Others
 - Home Tours
 - Photo shoots
 - ???



Identify the “WANTS”

- Qualities you WANT the space to have
 - Non-Technical
 - Comfortable
 - Spacious
 - Dark
 - Well-lit
 - Technical
 - Bright picture
 - Clear sound
 - Easy to use
 - Reliable
 - Supportable
 - Others
 - Neat
 - “Hidden”
 - “State of the Art”
 - ???



Formulating the Plan

Prioritize those “WANTS”

- Based on a common goal....
 - Which WANTS are most IMPORTANT?
 - Which WANTS materialize most OFTEN?
- Inviting comfortable room with optimized environment for viewing television programming shows as well as movies



Formulating the Plan

A few questions that should be answered

- How many people participate?
- Who will participate?
- How will they interact with each other?
- Will they bring things with them?
- What kind of visual environment is desired?
- What kind of listening environment is desired?
- Is frequent rearrangement necessary?
- Budget (not in this exercise)
- Schedule (not in this exercise)
- ???
- ???



Developing a plan

- ADVICE will help...
 - Give you options
 - Determine your limitations
 - Educate your decisions



What are the issues?

● Visual Display

- Size
- Technology
- Input Types

● Sources

- Outputs
- Locations
- Numbers

● Control

- Simplicity
- Supportability
- Wired or not

Furniture

- Size
- Comfort
- Purposes

Audio

- Acoustics
- Quality
- Locations

Miscellaneous

- Food
- Internet
- ????



Summary

- What do you want to do?
 - Don't worry about how quite yet
- Dream Big
 - Design around your "WANTS"
- Compromise after you wake up
 - Reality Check
- Identifying pros and cons of options
 - Beneficial compromises



ADVICE: Next Sessions

- What Are You Looking At?
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Thanks for coming

● <http://www.ncsu.edu/classtech/advice>

- Past course material
- Course recordings
- Future course listings

● Subscribe to the list:

● advice@lists.ncsu.edu

● Next ADVICE session:

- Halloween
 - Same “AV” place, same “AV” time
- Bring your lunch and bring a friend.