

Semester Project

Handed out assignments, more or less at random, for semester projects. They are challenging projects requiring research and questions and talking to people.

Next half hour, meet as one big group. Talk about each individual assignment, opportunity to trade assignments, discuss coordination of assignments.

Projects are worth 200 points of the 600 points for the semester.

Plan proposal due Thursday February 1. Final plan due Tuesday February 13.

Teresa – set up system of security cameras for the studio, equipment room, and lab. Cameras will be active only during time set by operators (e.g., when the studio is closed) and will record only when motion is detected. She will see what equipment we currently have that would be useful for the project. Need motion detectors.

Brandon – control room lighting. Design lighting to light an area with minimal impact on other areas, especially the observation window. Each area should have control over their space lighting with intensity control and complete current removal for power off. Include a master power off for each area. He will see how to vary voltage on a light bulb for dimming. Review existing lighting.

Ben – computer networking. Design and construct networking lab, using various computers to demonstrate data networking. Consider routers, firewalls. First step to check out the computers to see how they talk to each other, then decide where they will go.

Ralph – design a house paging system to incorporate into current intercom. Announce through studio, lab, control room or equipment room without feedback. The RTS system uses relay logic that may be part of this system.

Bob – various computer software interfaces:

- MPEG
- Remote Controlled Webcam
- Proxlox (card reader)

Josh – door intercom panels installed outside main entry as well as lab doors. Incorporated into production RTS intercom but should not interfere with productions. Incorporate the Matco moving red dot sign.

Brian M. - design a system to remotely control the VTRs in the new VTR room. One place would be the server station. Another place would be the TD station. May want to incorporate time code carried by the VTRs. Maybe incorporate the media pool into that.

Dan – complete the project started last semester of building a time code reader for the studio.

Brian H. - studio wiring. Incorporate the studio wiring into the WireCAD program.