

Overview

Your team will create a 2-3 minute Video Technical Tutorial. The topic of the tutorial must be something related to EE/CE, and the target audience is EE/CE undergraduates. Choose something that will be of interest to and helpful to this audience. Topics may include how to use a piece of lab equipment, do a specific mathematical derivation, use a particular circuit design, run a piece of software, etc. (Proposed topics must be approved by instructor.) These video tutorials will eventually be placed on each student's website.

The videos will have a companion set of instructions for the user written in html, (Assignment 8). The instructions should contain an overview of the process and a run-through from beginning to end. For example, you might imagine the video as a cooking show which demonstrates a recipe, and the written instructions as the recipe itself. Though perhaps not as explicitly detailed as the written instructions, the video needs to be informative enough to function alone. Both the video and the instructions will be posted on the class website at the end of the semester.

Video Equipment and Software

You can rent digital video cameras from Media Solutions, and each group will be provided with one digital tape. After shooting your raw footage, Media Solutions will burn your footage onto a CD in a WMV or MOV format. To edit the video, you may use the video editor of your choice, though iMovie on the Macs and Windows Movie Maker on PCs would be the easiest programs to work with.

Content

The video should be at least 5 minutes long, but no longer than 10 minutes. As with any presentation, the video should follow the introduction—body—conclusion format. Instructions should be step-by-step and contain all the relevant information one would need to replicate the experiment/work the equipment.

Grading Criteria

- Length
- Clear Statement of Purpose
- Clarity of Instruction
- Quality of Video