

# Physics 199REL Assignment 5: Physics Video

You and your teammates must produce a 5 minute video on an area of physics that is relevant to a societal issue. Video equipment will be provided for you.

The video can be in any format and cover any topic. Examples:

- Perform an experiment showing how the greenhouse effect works.
- Interview people asking them about a concept and then demonstrate or explain the concept.
- Do a “news” report on some research going on at Illinois. In the report, explain how the science is relevant to a societal issue.

Your target audience members for this video are nonscientists. You should assume a high school understanding of concepts. Your video should include a clear explanation of why this topic is relevant to society or a societal issue.

You are encouraged to discuss your topic choice with Prof. Pitts. If you are in need of equipment to carry out an experiment, please let me know. I have money to purchase equipment for you, but you need to decide what you need soon!

## **Timeline:**

- Concept for video due by 5pm on Wednesday, April 17
- Video script plus raw footage due by 5pm on Wednesday, April 24.
- Final edited video due at 8:00am on Wednesday, May 1.

## **Equipment, technique.**

You will be supplied with a video camera and tripod. The Sony Handycam will shoot video that can be read and edited in Windows Movie Maker, which is installed on the desktop PCs in room 257 Loomis. Movie Maker is a simple video editing program that will allow you to cut, splice and insert graphics into your video. Your final product will be a video uploaded in .wmv format.

## **Suggestions:**

- Don't procrastinate.
- Keep your topic narrow.
- Have a detailed plan before shooting video.
- Don't procrastinate.
- Shoot more than 5 minutes of video then edit.
- Shoot multiple takes and then edit.
- Don't procrastinate.
- Think of incorporating plots and graphics into your video.
- If you incorporate interviews, you need to shoot much more interview footage than you will ultimately need.
- Don't procrastinate.

## **Teams**

1. Kyle, Prathum, Ryan
2. William, Adam, Roger
3. Matt Z., Isaac, Matt S.