**Module 4 – Individual Homework Assignment**

**View the video** [Photovoltaics](https://www.youtube.com/watch?v=efMKfHUlw3s) (10:34)

As you watch this video, answer the following questions:

1. What are some of the many materials involved in making solar cells?
2. Why is generating sustainable energy important to different societies?
3. How efficient are Photovoltaics? Could they meet the world demands?
4. Are they sustainable?
5. What are some of the disadvantages and challenges to making Photovoltaics?
6. What are the most important usage issues to be addressed in weighing the advantages and disadvantages of Photovoltaics?
7. **Turn-in Written Assignment for Grade before the start of class on Day 3.**

Please answer these questions in either bullet points or full sentences. Your responses will probably take ½ to 1 page. Be sure your name is on the assignment.

Grading Rubric.

2= Responses are appropriate, thoughtful, and indicate engagement with the video and any other required viewing/reading materials.  Grammar, sentence structure and punctuation are correct.

1= Responses and arguments are incomplete and/or inconsistent with the required viewing/reading material. Some issues with grammar, punctuation and or sentence structure.

0= Responses are not appropriate to the assignment or missing entirely. Major issues with grammar, punctuation and or sentence structure.

Top of Form

Points = 2