

## CHENE4231 Solar Fuels

### Assignment #2: Evaluation

**Directions:** Read the 1-page idea submissions that you were assigned and complete the following questions. Based on the composite ratings from the class, the initial batch of solar-fuels related ideas/technologies will be narrowed down to 3-4 ideas. Student groups will then complete final projects based on these ideas and using the technical knowledge learned from class.

**1. Rate the novelty of the idea. Is this something you have heard of before, either inside or outside of class? If this is a commercial technology that you can buy today, then it should be given a rating < 5. (1= Old idea, 10= I've never heard of this before): \_\_\_\_\_**

**2. Rate the scalability of the concept. Could the idea conceivably be used to produce or save GW worth of energy? (1= Not scalable, 10= Clearly scalable to GW scale): \_\_\_\_\_**

**3. Rate the technical feasibility of the concept. Does the description of the technology sound logical? Does the idea seem to obey laws of thermodynamics and accepted scientific principles? (1= Technical feasibility is extremely low, 10= Very likely to be technically feasible): \_\_\_\_\_**

**4. Rate your interest. How interested are you in learning more about this topic, and potentially analyzing this idea for your final project? (1= No interest, 10= This is the most interesting idea I've seen): \_\_\_\_\_**