EID:

Topic: BioBricks (Week 2)

Pre-discussion questions. Answer briefly. Use only the space provided.

- 1) What is an example of a standard used in constructing mechanical/digital devices?
- 2) What <u>two types of enzymes</u> are needed to assemble BioBricks? Just give the general names of the classes of enzymes. What does each type do?
- 3) What does "idempotent" mean? Why is the BioBrick standard idempotent?

4) What is the "mechanical" equivalent of the iGEM competition on which it was modeled? How does one win this competition? How does one win iGEM?

5) Briefly describe one of the finalist iGEM projects from Table 1 in [Vilanova2014]. The official website for the project will begin with something like: http://2012.igem.org/Team.