**Module 3 – Individual Homework Assignment**

**Please complete and turn in this assignment in class on the third day of this module. Assignment will be graded out of 2 points on effort, use of the lectures, video, and reading materials, and thoughtful reflection. Be sure your name is on the paper.**

1. Choose an example of a device that uses a functional ceramic and identify the ceramic. What are the properties you want from this ceramic and why?
2. Doing some Internet research, identify the most common source locations of this functional ceramic and try to get as much information as possible on the steps required to fabricate the functional ceramic. Share your findings here in bullet points or complete sentences.
3. Do some additional Internet research on the waste produced in this process, and how it is dealt with. Share your findings here in bullet points or complete sentences.